

PARTS LIST

LISTE PIECES DETACHEES

ERSATZTEILLISTE

LISTA PARTI DI RICAMBIO

LISTA DE PIEZAS DE REPUESTO

SABA

T7022E

Chassis ICC17

MODULES

MAIN IC17F5CP026032

FCB FCB1701 R 25313060

KDB KDB1706 R 25388640



GK01	TSOP1333	25358570
IB01	TDA6107Q	10533940
IF01	TDA8351	20753830
IP20	TS3702CD FLAT	10537330
IP50	TLP621 GR(D4-LF2 T)	△ 20827900
IP61	TL431ACZ	10538830
IP87	MC7812/CT	46007600
IP95	TDA8139	10044580
IR01	ST92R195 CUT 2.2 FLAT	10588150
IR02	IC-ROM THOMSON V2.00-0	1059455A
IR03	M24C16MN6 FLAT	25348520
IS40	MSP3410D-PP	10510320
IS80	TDA7269	10348790
IV01	TDA8855H FLAT	10533960
IX01	BA7604N	10539590
ZL11	MP25	△ 10500150
ZL13	MP63	△ 10472270
ZL14	MP125	△ 10469180



TB01,TP21	BF423	16003110
TB02,TL02	BF422	16003090
TF01, TI60,	BC847B SMD	11070770
TL31,TP58,59,		
67,71,76,90,		
TR60,TS01,81,		
TV10		
TI10,30,45	DTC144EK SMD	16007030
TL14	ZSC2236Y	16000220
TL32	BC337-40	45001466
TL33	MPS750	16001340
TL34,TP50	BUH516TH16	10401110
TL41	BD241C	16001880
TL42	BC546B	45001866
TL59,TP42,86,	BC857B SMD	30946660
TR15		

TL71	BC847C SMD	90618810
TL72	RN1401 SMD	10966100
TP14, TX15,45	BC547B	16000890
TP15	BTB06-600C	10259910
TP44	2SA1020Y	16003740
TP57,75,82	BCR191 SMD	16006910
TP72, TR20	DTC113ZK SMD	10550750
TR13,23,40	BCR141 SMD	16006890



DB04, DP16,17, 18,19	1N4004	44009009
DB05	1.5KE250A	25353360
DB30,31,50,51, 70,71, DJ20, DL31	BAV21	44044407
DE01	BZX55C2V7	80444120
DF01	BZW04-48	10351880
DH01	BZX55B33	80442730
DH04, DL12,32, 33,72,74,75,	1N4148	44009209
DP53, DR20,23, DV19		
DI30,40	BA782S	20542050
DK01, DL09, DP72	BZX55C5V1/ZPD5V1	80444140
DL11,24,25,41, DP12,41,46,47, 48	RGP10G	10459090
DL13	RGP30D	10455370
DL14	RGP15G	10272800
DL19,73,77, DP24,40,42,52, 54,56,57,58, 60,61,62,63, 67,70,85,89,	LL4148 SMD	16012450
DR21,22,24, DV09		
DL21	BY228	16008370
DL22	BYW76	16009120
DL42	ZMM5,1 SMD	70446740
DL48, DX59	BAV103 SMD	10155030
DL71	ZPD24	44016504
DP01,02,03,04	BYW27-1000	10455390
DP06	BZW04-342	25354340
DP14	BZX55C3V3	30948790
DP20	ZPD51/BZX55C51/BZX79C51	90578110

DP21	BZX85C39	80444000
DP22	BZX55B5V6/ZPD5V6 2%	70438200
DP43,45,50,87	RGPO2-20	10472330
DP44	BZX55C3V9	80444130
DP59	BZX55C18	11073680
DP80	MUR460	16009650
DP82	FUF4005/MUR16	16009580
DP83	BAT42	16007410
DP84,93	MUR120	10564670
DP94	BZX55C13	70438310
DR05	LL42 SMD	16012530
DS90	BZX55C3V6	50890640
GE01	TLUV5300 LED	11137650



FI10	OFWK6257K FOS	10545030
FI20	OFWK9650M FOS	10545440
FI50	5M74HZ	20338170
QC01	4M433619HZ	10087710
QC02	3M579545HZ	10542190
QR01	4M0HZ	10254300
QS40	18M432HZ	10334670



FI01	40M4HZ	20300950
FI02	31M9HZ	10552630
FI30	77M8HZ	10559760



PP64	1K0 OHM	70434550
------	---------	----------



RB01,04	1K5 OHM 5% 0,50W	10121880
RB06	220R0 OHM 5% 0,25W	△ 15009810
RB13	10R0 OHM 10% 0,50W	15000160
RB31,51,71	560R0 OHM 10% 0,50W	10257590
RC02	1R0 OHM 5% 0,40W	△ 13060910
RF05	1R0 OHM 1% 0,70W	10254220

R : RECYCLED PART
: PIECE RECYCLEE
: AUSTAUSCHTEILE
: RICAMBIO RICICLATO
: MODULO REPROCESSADO

For any requests, please contact THOMSON multimedia after sales service area
Pour toutes précisions, contactez votre service après vente local THOMSON multimedia
Für weitere Auskünfte, wenden Sie sich bitte an die THOMSON multimedia Kundendienst
Per precisazioni, contattare l'assistenza tecnica THOMSON multimedia
Para cualquier pregunta, por favor contactar con el responsable de zona del servicio postventa de THOMSON multimedia

04/ 1999



REV. N° 0 00 / 00

35082770

00000000

1/3

No copying, translation, modification on other use authorized. All rights reserved worldwide. • Tous droits de reproduction, de traduction, d'adaptation et d'exécution réservés pour tous les pays. • Samtliche Urheberrechte an diesen Texten und Zeichnungen stehen uns zu. Nachdrucke, Vervielfältigungen - auch auszugsweise - nur mit unserer vorherigen Zustimmung zulässig. Alle Rechte vorbehalten. • I diritti di riproduzione, di traduzione e esecuzione sono riservati per tutti i paesi. • Derechos de reproducción, de traducción de adaptación y de ejecución reservados para todos los países.

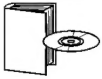
RF07	220R0 OHM 1% 0,70W	10233720
RL01	45K3 OHM 1% 0,25W	15018160
RL07	6K19 OHM 1% 0,40W	15020490
RL13	0R47 OHM 5% 2,5W	10537750
RL26	1K0 OHM 10% 0,50W	10393870
RL35	4R7 OHM 5% 0,35W	△ 10226310
RL36,RP10	2R2 OHM 5% 0,25W	△ 15009870
RL43	68K1 OHM 1% 0,70W	10147740
RL44	1R0 OHM 5% 0,50W	△ 10576360
RP04	2R7 OHM 5% 4,50W	10379110
RP15	18R0 OHM 220V PTC	△ 41398800
RP49	0R47 OHM 5% 2,5W	△ 25339900
RP50	10M0 OHM 5% 0,70W	△ 10074320
RP63	432K0 OHM 1% 0,25W	15017950
RS12	18R0 OHM 5% 0,30W	△ 15009660
RS87,88	4R7 OHM 5% 0,25W	△ 35032200
RV20	33K2 OHM 1% 0,25W	15016530
RX17	10R0 OHM 5% 0,25W	△ 15009580
		
CB01	10N0F 3K0V	14036450
CB04	47N0F 5% 400V	25349330
CL08	10N0F 5% 400V	14035870
CL12,15,CP18,21,42,85,94	330P0F 20% 1K0V	14035270
CL21	14N4F 3,5% 1K6V	△ 10542080
CL22	30N0F 5% 1K0V	△ 10576730
CL24	440N0F 5% 400V	△ 10569610
CP01	100N0F 20% 275V	△ 10331520
CP03,04	4N7F 1K0V	10058740
CP05	1N5F 10% 1K0V	20338740
CP10	150U0F 385V	43424800
CP11	10N0F 10% 400V	15001080
CP16,17	470N0F 20% 275V	△ 10596570
CP20	220P0F 10% 400V	14033000
CP49	3N3F 20% 1K6V	10607950
CP50	1N0F 20% 400V	△ 43106800
CP51	150P0F 20% 400V	△ 20738090
CP81	1N0F 10% 500V	10546570
CP83	100P0F 20% 1K0V	14035280
		
LL05	DSTM30FBC3	△ 10608680
LL26		△ 10526140
LL32	DRIVER	10518110
LP01		△ 10261530
LP20	DRIVER	△ 10554410
LP44	DRIVER	10561800
LP50	SMT41	△ 10537860

OTHER PARTS AUTRES PIECES SONSTIGE TEILE ALTRE PARTI OTRAS PIEZAS

BB05	CATHODE RAY TUBE SOCKET SUPPORT TUBE CATHODIQUE BILDROEHRENFASSUNG SUPPORTO TUBO CATODICO SOPORTE T.R.C	△ 80298800
BJ10	CINCH SOCKET PRISE CINCH CINCH-BUCHSE PRESA CINCH TOMA CINCH	10037440
BJ11	SVHS SOCKET PRISE SVHS S-VHS-BUCHSE PRESA SVHS TOMA SVHS	20392900
BQ12	JACK SOCKET PRISE JACK BUCHSE PRESA JACK TOMA JACK	10539510
BX01,02	SCART SOCKET PRISE PERITEL EURO-AV-BUCHSE EUROPRESA NORMALIZZATA EUROCONECTOR	90617260
CO115	ON/OFF SWITCH CONTACTEUR MARCHE/ARRET EIN-AUS SCHALTER CONTATTORE ACCESO/SPENTO CONTACTOR MARCHA/PARADA	△ 10276500
FP01	2A5T TIME-LAG FUSE 2A5T FUSIBLE TEMPORISE 2A5T SICHERUNG 2A5T FUSIBILE TEMPORIZZATO 2A5T FUSIBLE TEMPORIZADO	△ 10246750
NH01	CTT5010 UHF/VHF TUNER CTT5010 TETE UHF/VHF CTT5010 UHF/VHF TUNER CTT5010 TUNER UHF/VHF CTT5010 SINTONIZADOR UHF/VHF	R 20812280
SK01,02,03,04	MICROSWITCH MICRO CONTACTEUR MIKROSCHALTER MICROINTERRUTTORE MICROCONTACTOR	30011100

EQUIPMENT/PRESENTATION EQUIPEMENT/PRESENTATION AUSSTATTUNG/GEHAEUSE PARTI VARIE EQUIPO/PRESENTACION

FRONT PANEL FACADE FRONTPLATTE PANNELLO FRONTALE PANEL FRONTAL	25371140
LOGO SABA LOGO SABA SCHRIFTZUG SABA MARCHIO SABA LOGOTIPO SABA	25295070
8R OHM 15W LOUDSPEAKER 60X125 8R OHM 15W HAUT PARLEUR 60X125 8R OHM 15W LAUTSPRECHER 60X125 8R OHM 15W ALTOPARLANTE 60X125 8R OHM 15W ALTAVOZ 60X125	10467060
REAR PANEL DOS RUECKWAND PANNELLO POSTERIORE TAPA POSTERIOR	△ 25346740
POWER SUPPLY LEAD CORDON D'ALIMENTATION NETZKABEL CAVO DI ALIMENTAZIONE CABLE DE ALIMENTACION	△ 10260880
ON/OFF BUTTON TOUCHE MARCHE/ARRET EIN-AUS TASTE TASTO ACCESO/SPENTO TECLA MARCHA/PARADA	25309090
BUTTON ASSY ENSEMBLE DE TOUCHES TASTENEINHEIT ASSIEME TASTI CONJUNTO DE TECLAS	25312630
CHASSIS SUPPORT SUPPORT CHASSIS CHASSIS HALTER SUPPORTO CHASSIS SOPORTE CHASSIS	25297670
A66EHJ43X15 CATHODE RAY TUBE A66EHJ43X15 TUBE CATHODIQUE A66EHJ43X15 FARBBILDROEHRE A66EHJ43X15 TUBO CATODICO A66EHJ43X15 T.R.C	△ 10546910
DEGAUSSING COIL BOBINE DE DEMAGNETISATION ENTMAGNETISIERUNGSSPULE BOBINA DI SMAGNETTIZZAZIONE BOBINA DE DESIMANTACION	△ 47320183
TC100 REMOTE CONTROL TC100 TELECOMMANDE TC100 FERNBEDIENUNG TC100 TELECOMANDO TC100 TELEMANDO	20879570
FOLDING BOX EMBALLAGE CARTON KARTON IMBALLAGGIO CARTONE EMBALAJE CARTON	25354270
FITTING UPPER CALE SUPERIEURE POLSTER OBEN Distanziatore superiore CALZO SUPERIOR	25325170
FITTING DOWNER CALE INFERIEURE POLSTER UNTEN Distanziatore inferiore CALZO INFERIOR	25325150



T7022E UM TF D/F/I/GB/GR/NL/S/DK/E/P	25390170
T7022E NU TF D/F/I/GB/GR/NL/S/DK/E/P	
T7022E BA TF D/F/I/GB/GR/NL/S/DK/E/P	
T7022E IU TF D/F/I/GB/GR/NL/S/DK/E/P	
T7022E IU TF D/F/I/GB/GR/NL/S/DK/E/P	
ICC17 SERVICE MANUAL EUROPE	35063330
ICC17 DOC TECHNIQUE EUROPE	
ICC17 TECHNISCHE DOKUMENTATION EUROPE	
ICC17 DOCUMENTAZIONE TECNICA EUROPE	
ICC17 DOCUMENTACION TECNICA EUROPE	
CDROM ICC17	35065140
CDROM ICC17	
CDROM ICC17	
CDROM ICC17	
CDROM ICC17	
T7022E PARTS LIST	35082770
T7022E LISTE DE PIECES DETACHEES	
T7022E ERSATZTEILLISTE	
T7022E LISTA PARTI DI RICAMBIO	
T7022E LISTA DE PIEZAS DE REPUESTO	

T7022E

3/3

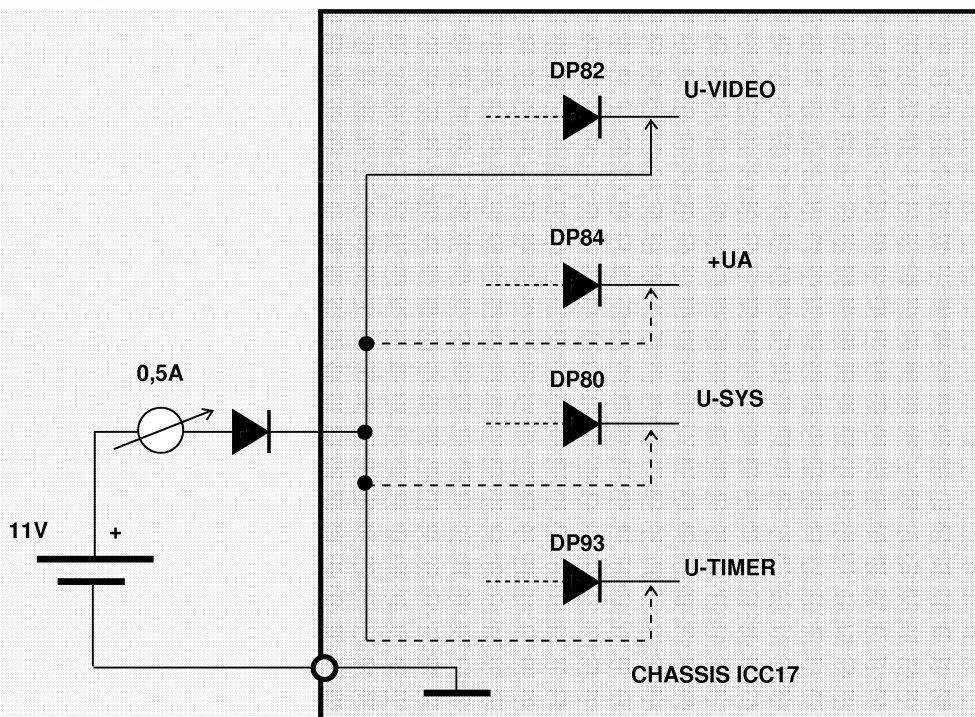
The description and characteristics given here are of informative significance only, and non committal. To keep up the high quality of our products, we reserve the right to make any changes or improvement without previous notice. • Les descriptions et caractéristiques figurant sur ce document sont données à titre d'information et non d'engagement. En effet, soucieux de la qualité de nos produits, nous nous réservons le droit d'effectuer, sans préavis, toute modification ou amélioration. • Die Beschreibungen und Daten in dieser Anleitung dienen nur zur Information und sind nicht bindend. Um die Qualität unserer Produkte ständig zu verbessern, behalten wir uns das Recht auf Änderungen vor. • Le descrizioni e le caratteristiche date su questo documento sono fornite a semplice titolo informativo e senza impegno. Ci riserviamo il diritto di eseguire, senza preavviso, qualsiasi modifica o miglioramento. • Las descripciones y características que figuran en este documento se dan a título de información y no de compromiso. En efecto, en bien de la calidad de nuestros productos, nos reservamos el derecho de efectuar, sin previo aviso, cualquier modificación o mejora.

SECONDARY DC-VOLTAGES

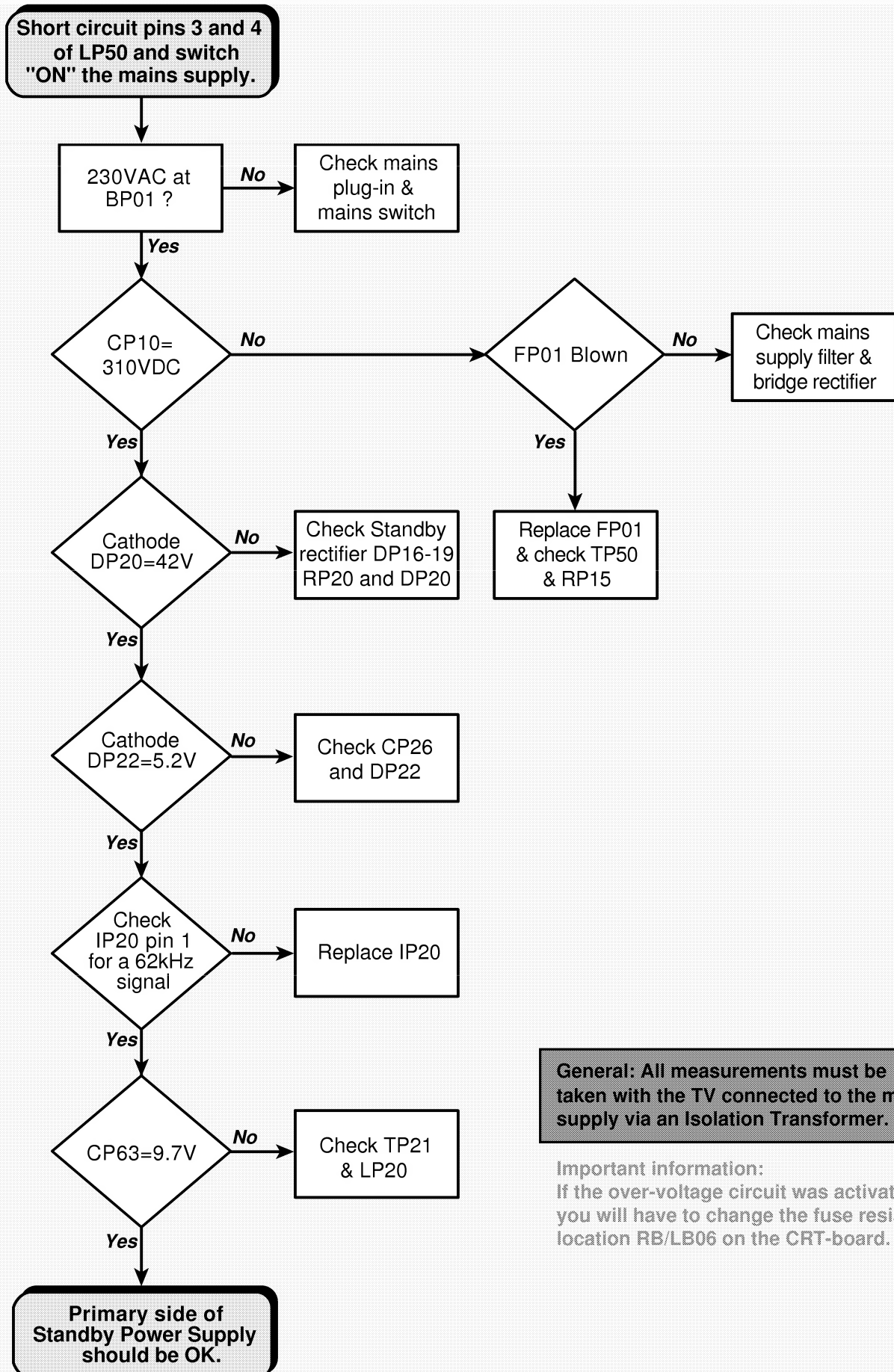
All measurements in this chapter must be done WITHOUT the mains supply connected to the TV.

Test circuit:

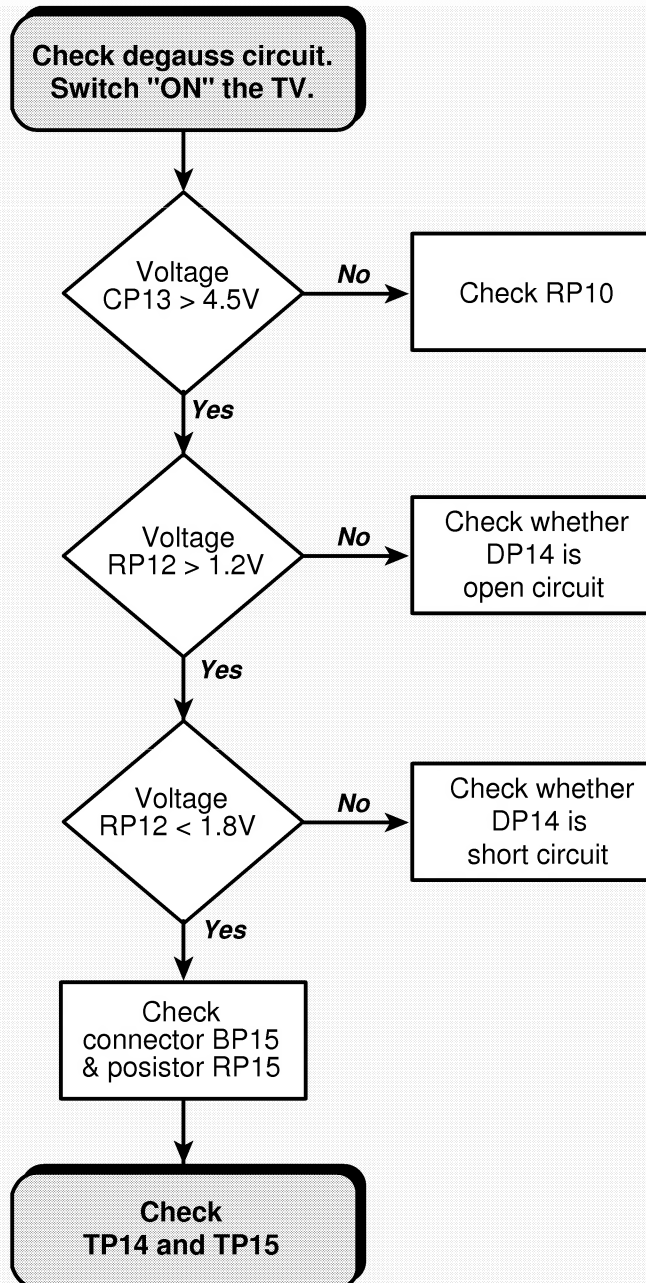
The external voltage source is provided by a variable DC-power supply with its output voltage set to 11V and the current limitation set to 500mA's. The negative terminal of the DC-power supply must be directly connected to the chassis secondary ground plane. The positive terminal of the DC-power supply is first connected to an ammeter and then the anode of an isolation diode. The cathode of the isolation diode is then connected to the load on the chassis as shown below. Measure the current drawn by each load tested.



STANDBY POWER SUPPLY - PRIMARY SIDE



DEGAUSSING CIRCUIT



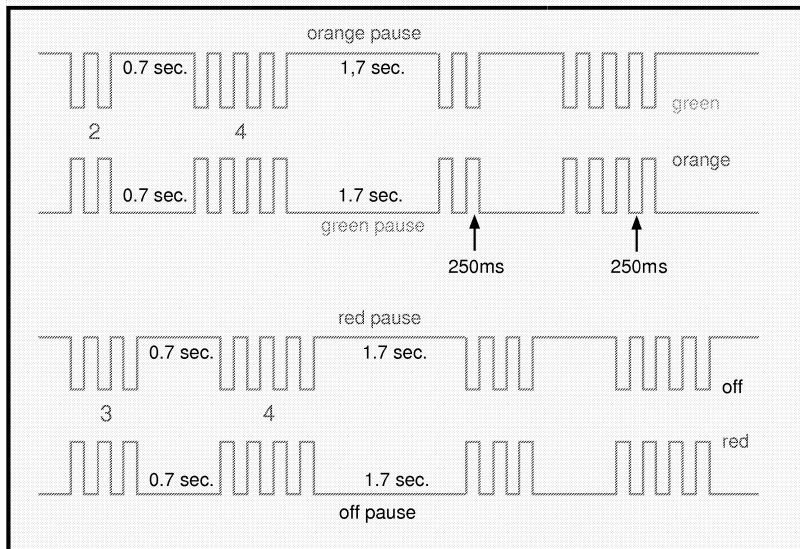
GENERAL INFORMATION - LED BEHAVIOUR

LED FLASHES

Error message transmission.

The error codes are signalled by the TV's red LED .

Count the number of flashes : the error code is two burst separated by a pause of 0.7 sec. and repeated four times. There is 1.7 sec between each codes sequence.

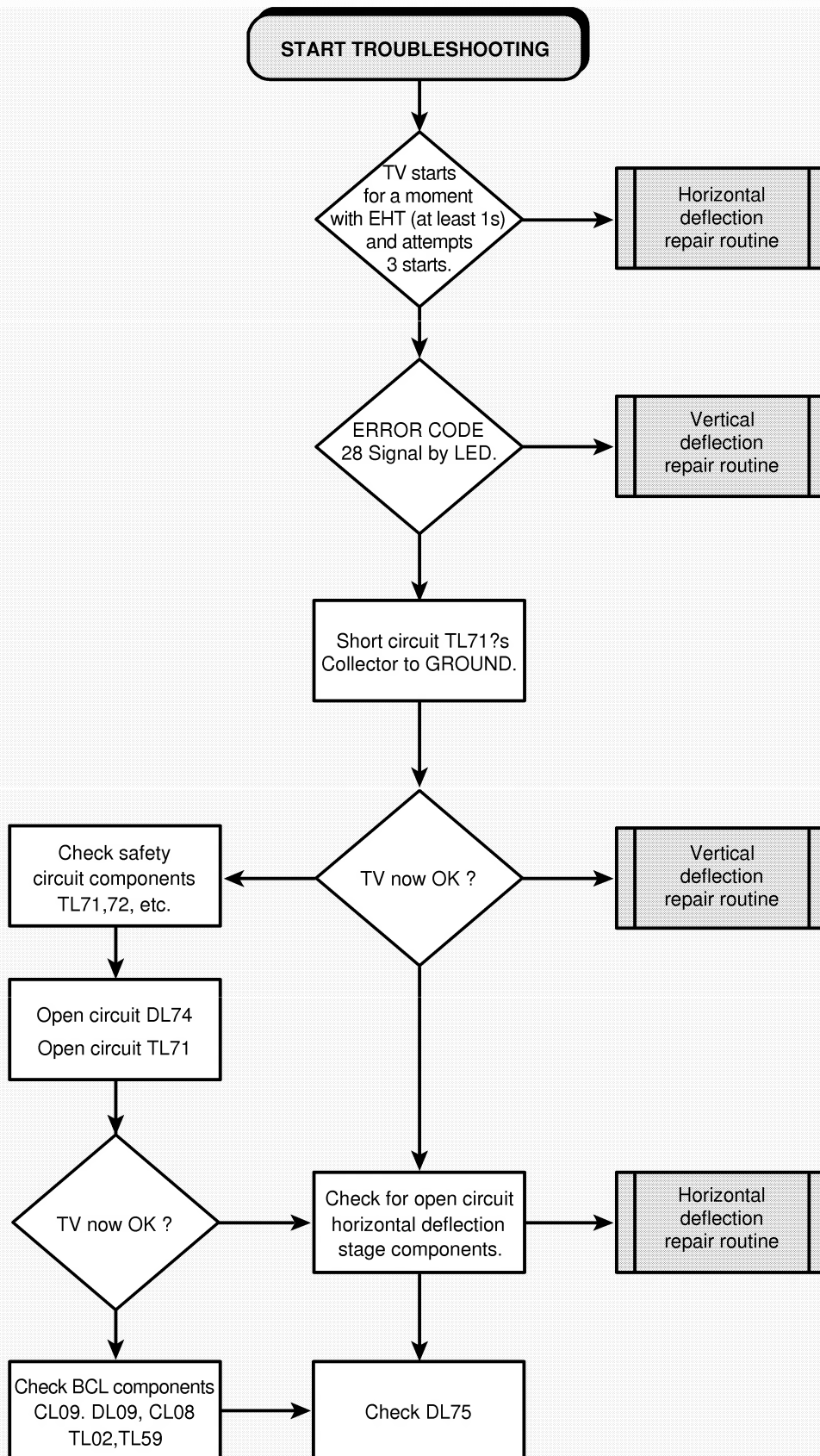


Currently all ICC17 TV sets are fitted with a Bicoloured LED, the red part is the Standby LED whilst, the green part is directly connected to the switched +8V supply. Therefore, the colour of the LED will depend upon the state of this voltage, the chart below gives the corresponding LED-colours:

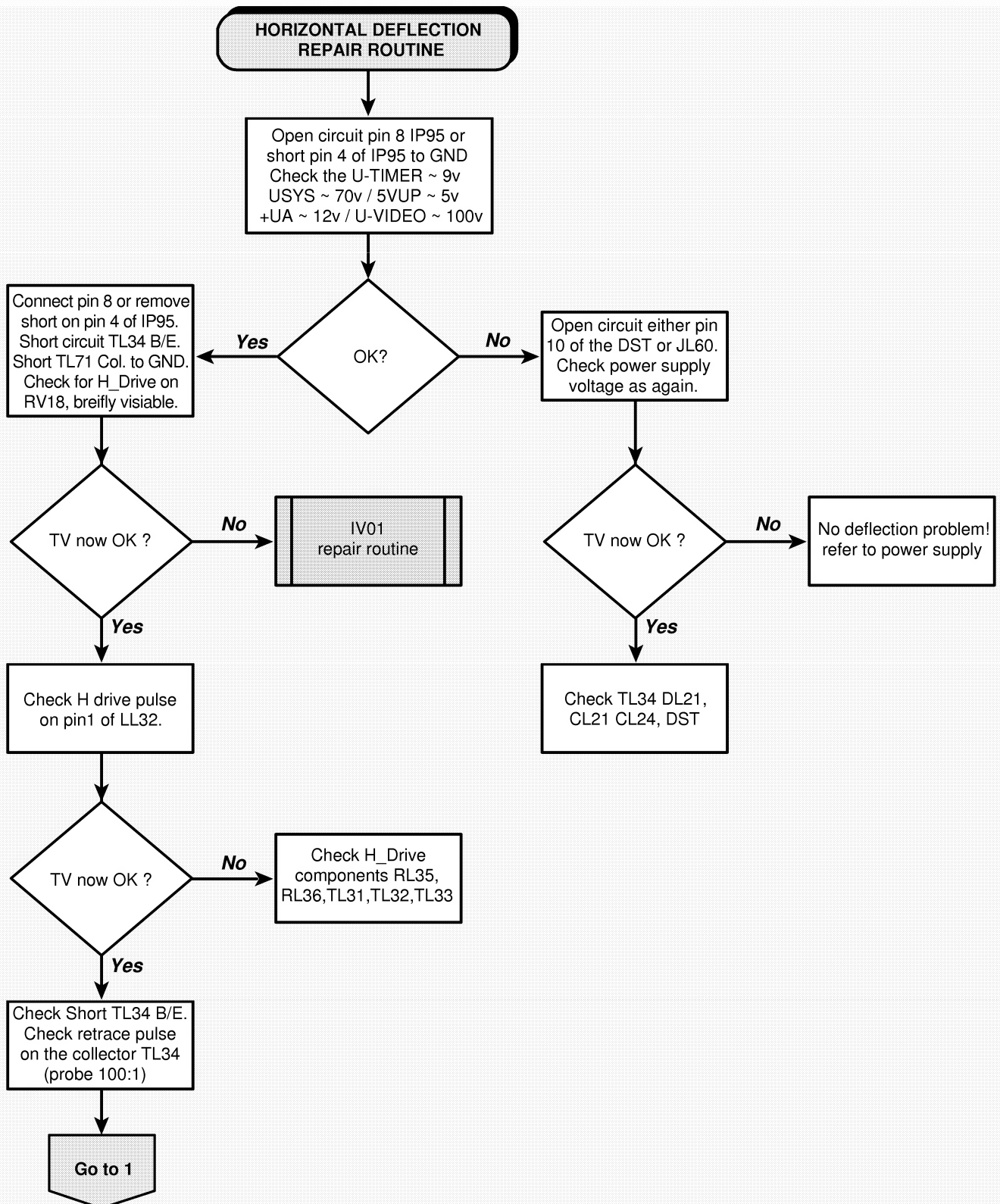
	LED-port	
switched +8 V	off	on
on	green	orange
off	off	red

CODES	DEFAULTS
12	AUDIO-DPL DOES NOT ANSWER
14	TDA8855H DOES NOT ANSWER
15	AUDIO-MSP PROCESSOR NO LONGER RESPONDING
19	TUNER DOES NOT ANSWER
21	SDA LINE BEING HELD LOW
23	CLOCK HELD AT LOW LEVEL, SCL LINE HELD AT A LOW LEVEL
25	SWITCHED 5V NOT AVAILABLE
26	TUBE DOES NOT GET WARM IN TIME
27	THE DEFLECTION STAGE HAS DETECTED A FAULT ON MORE THAN THREE OCCASIONS
28	TDA VERTICAL GUARD VOLTAGE EXCEEDED
29	TDA HORIZONTAL GUARD VOLTAGE EXCEEDED
31	INTERNAL SOFTWARE ERROR
32	A SOFTWARE-TIMER HAS BEEN REQUESTED, BUT IS NOT YET AVAILABLE
34	THE NVM CHIP DOES NOT ANSWER
35	+13V IS NOT AVAILABLE
36	WRONG NVRAM ADDRESS PASSED TO THE BUS - HANDLER
37	UNEXPECTED LEVEL ON NMI (INTERRUPT) LINE FOUND (POSSIBLE CAUSE : TUBE FLASHOVER)
38	HEAP FULL
41	BUS (DATA LINE) NOT RECOVERABLE

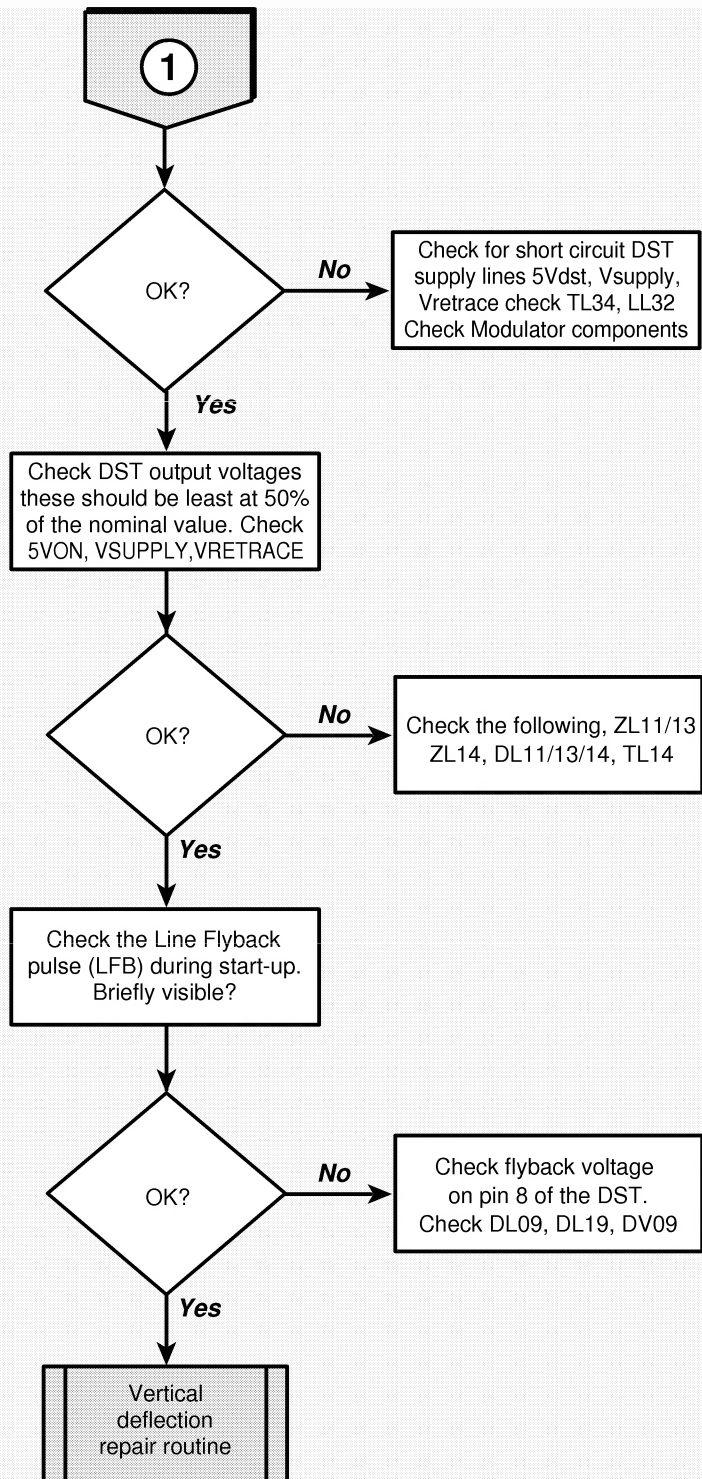
DEFLECTION CIRCUIT CHECK



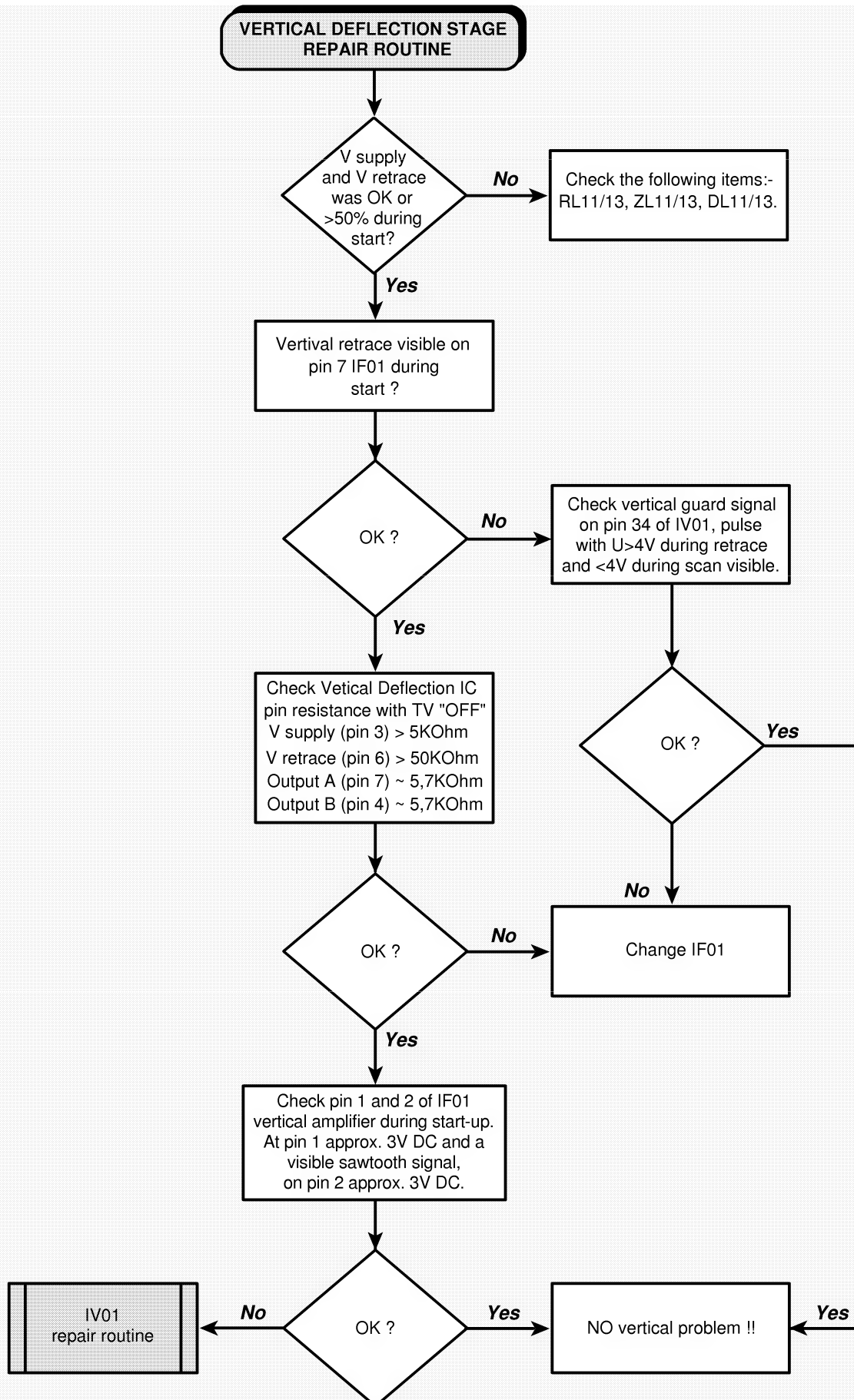
DEFLECTION CIRCUIT CHECK



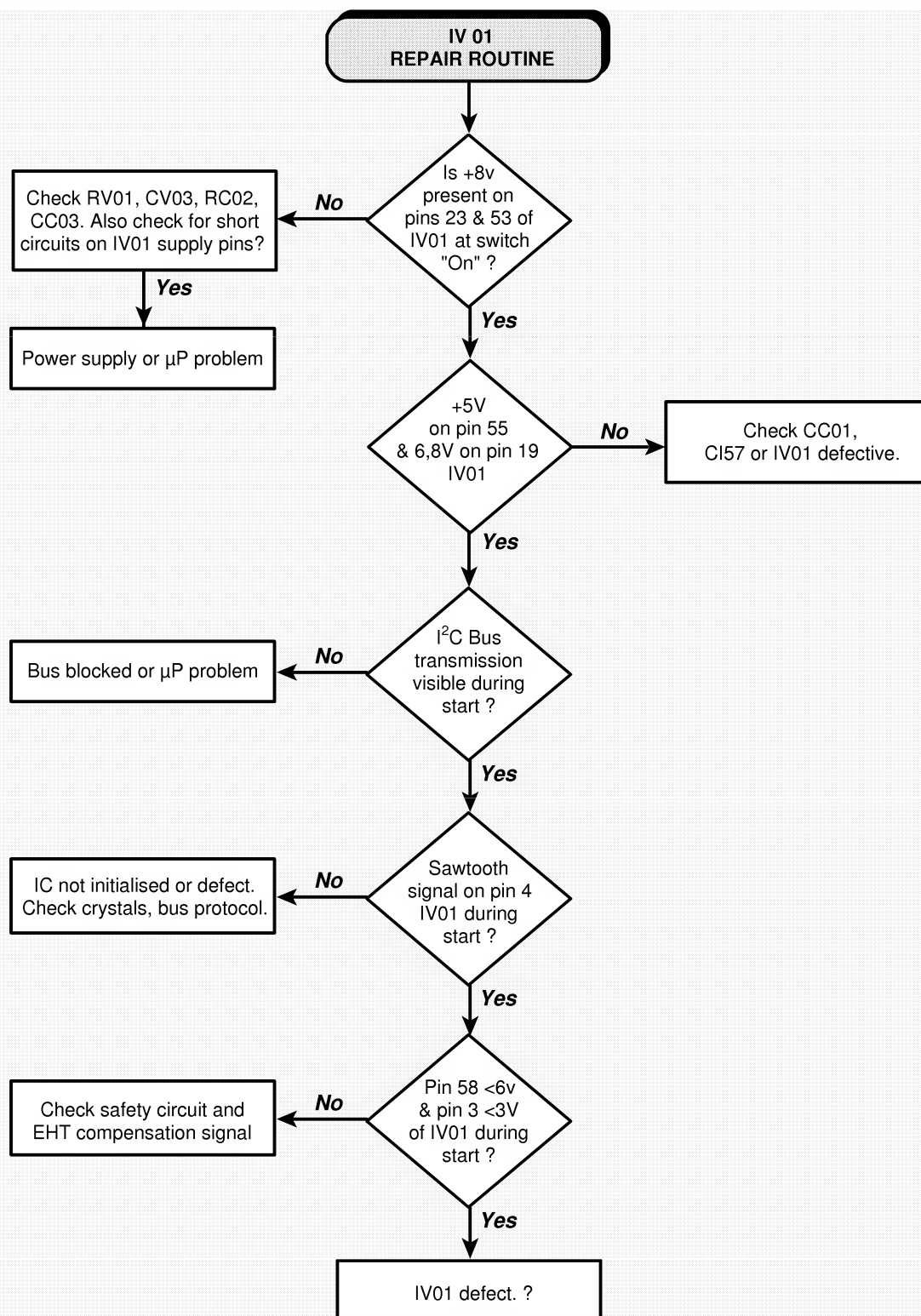
DEFLECTION CIRCUIT CHECK



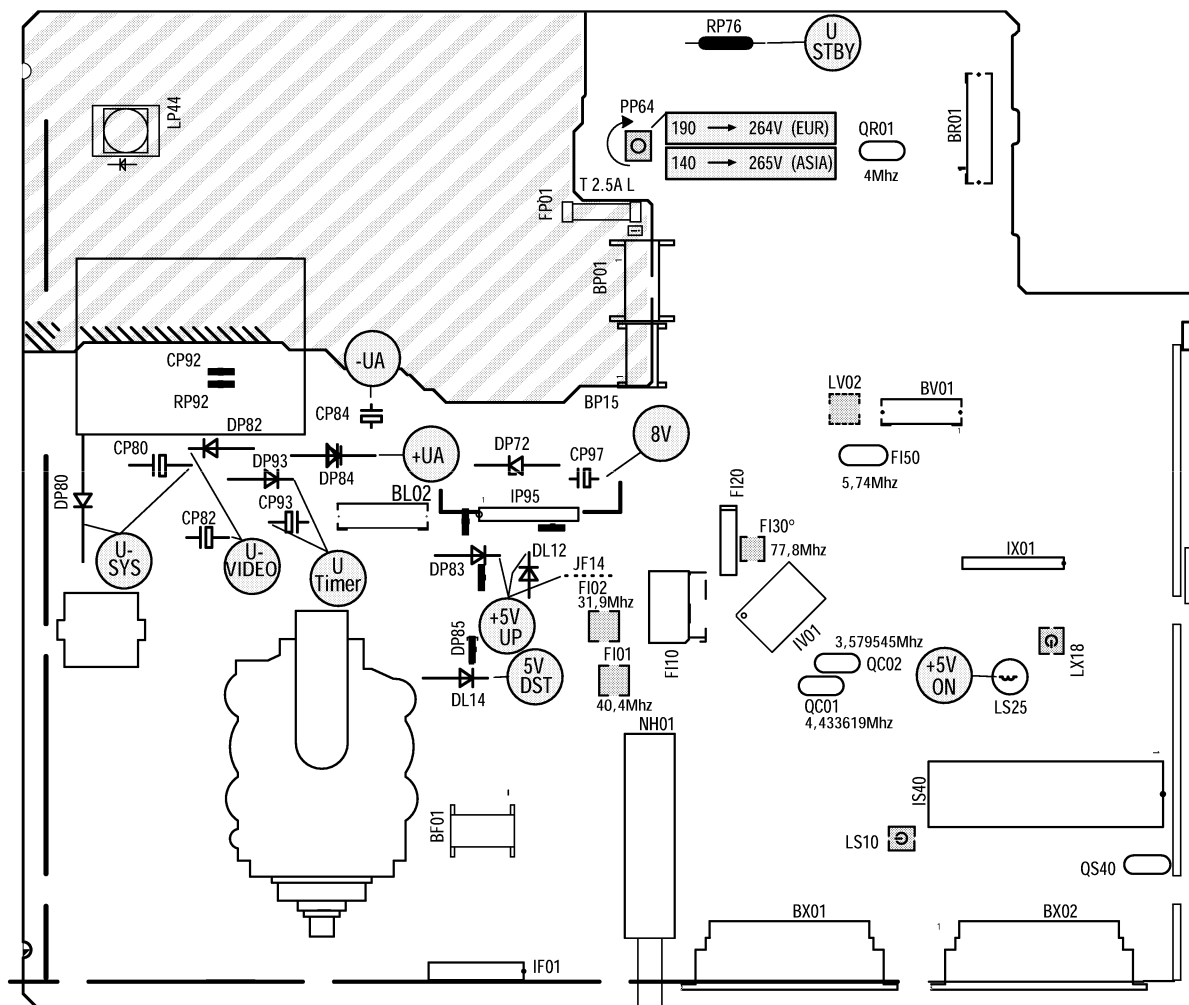
DEFLECTION CIRCUIT CHECK



DEFLECTION CIRCUIT CHECK



LOCATION OF CONTROLS - EMBLACEMENT DES REGLAGES - SERVICE LAGEPLAN - POSIZIONE REGOLATORI DI SERVIZIO - SITUACIÓN DE LOS AJUSTES



° it is not necessary , to adjust F130 by after sales




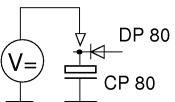
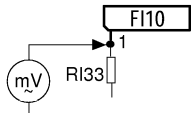


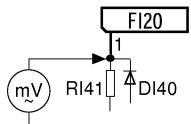



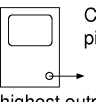
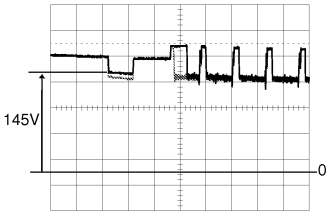




Part of board connected to mains supply.
Partie du châssis reliée au secteur.
Primärseite des Netzteils.
Parte dello chassis collegata alla rete.
Parte del chassis conectada a la red.



Use isolating mains transformer -
Utiliser un transformateur isolateur du secteur -
Trenntrafo verwenden -
Utilizar un transformador aislador de red -
Utilizzare un trasformatore per isolarvi dalla rete

ADJUSTMENTS - REGLAGES - EINSTELLUNGEN - REGOLAZIONI - AJUSTES

U Sys	PP 64	 +  +  = 50% TV to AV1 : Black test pattern		<table border="1"> <thead> <tr> <th>Tube</th><th>Format</th><th>Usys</th><th>Jumper</th><th>RL65</th></tr> </thead> <tbody> <tr><td>A51EBV13X01</td><td>4:3</td><td>128V+/-0,5V</td><td>JL80</td><td>4k7</td></tr> <tr><td>A51EFS83X191</td><td>4:3</td><td>126V+/-0,5V</td><td>JL80</td><td>4k7</td></tr> <tr><td>A59EHJ43X15</td><td>4:3</td><td>132V+/-0,5V</td><td>JL81</td><td>24k</td></tr> <tr><td>A66EHJ43X15</td><td>4:3</td><td>132V+/-0,5V</td><td>JL81</td><td>24k</td></tr> <tr><td>A59EGD048X30</td><td>4:3</td><td>126V+/-0,5V</td><td>JL80</td><td>4k7</td></tr> <tr><td>A68EGD038X30</td><td>4:3</td><td>126V+/-0,5V</td><td>JL80</td><td>4k7</td></tr> <tr><td>A68EGD038X70</td><td>4:3</td><td>126V+/-0,5V</td><td>JL80</td><td>4k7</td></tr> <tr><td>A68AGA25X01</td><td>4:3</td><td>126V+/-0,5V</td><td>JL80</td><td>4k7</td></tr> <tr><td>A80AEJ15X01</td><td>4:3</td><td>126V+/-0,5V</td><td>JL80</td><td>4k7</td></tr> <tr><td>A80AEJ15X99</td><td>4:3</td><td>126V+/-0,5V</td><td>JL80</td><td>4k7</td></tr> <tr><td>W56EGV023X015</td><td>16:9</td><td>138V+/-0,5V</td><td>JL82</td><td>47k</td></tr> <tr><td>W66EGV023X015</td><td>16:9</td><td>138V+/-0,5V</td><td>JL82</td><td>47k</td></tr> <tr><td>W76EGV023X015</td><td>16:9</td><td>138V+/-0,5V</td><td>JL82</td><td>47k</td></tr> </tbody> </table>	Tube	Format	Usys	Jumper	RL65	A51EBV13X01	4:3	128V+/-0,5V	JL80	4k7	A51EFS83X191	4:3	126V+/-0,5V	JL80	4k7	A59EHJ43X15	4:3	132V+/-0,5V	JL81	24k	A66EHJ43X15	4:3	132V+/-0,5V	JL81	24k	A59EGD048X30	4:3	126V+/-0,5V	JL80	4k7	A68EGD038X30	4:3	126V+/-0,5V	JL80	4k7	A68EGD038X70	4:3	126V+/-0,5V	JL80	4k7	A68AGA25X01	4:3	126V+/-0,5V	JL80	4k7	A80AEJ15X01	4:3	126V+/-0,5V	JL80	4k7	A80AEJ15X99	4:3	126V+/-0,5V	JL80	4k7	W56EGV023X015	16:9	138V+/-0,5V	JL82	47k	W66EGV023X015	16:9	138V+/-0,5V	JL82	47k	W76EGV023X015	16:9	138V+/-0,5V	JL82	47k
Tube	Format	Usys	Jumper	RL65																																																																						
A51EBV13X01	4:3	128V+/-0,5V	JL80	4k7																																																																						
A51EFS83X191	4:3	126V+/-0,5V	JL80	4k7																																																																						
A59EHJ43X15	4:3	132V+/-0,5V	JL81	24k																																																																						
A66EHJ43X15	4:3	132V+/-0,5V	JL81	24k																																																																						
A59EGD048X30	4:3	126V+/-0,5V	JL80	4k7																																																																						
A68EGD038X30	4:3	126V+/-0,5V	JL80	4k7																																																																						
A68EGD038X70	4:3	126V+/-0,5V	JL80	4k7																																																																						
A68AGA25X01	4:3	126V+/-0,5V	JL80	4k7																																																																						
A80AEJ15X01	4:3	126V+/-0,5V	JL80	4k7																																																																						
A80AEJ15X99	4:3	126V+/-0,5V	JL80	4k7																																																																						
W56EGV023X015	16:9	138V+/-0,5V	JL82	47k																																																																						
W66EGV023X015	16:9	138V+/-0,5V	JL82	47k																																																																						
W76EGV023X015	16:9	138V+/-0,5V	JL82	47k																																																																						
IF Alignment Alignement FI	trap 40.4Mhz FI 01	Switch set to standard BG Commuter le TV au standard BG IF Signal 40,4MHz (BG) 31,9MHz (BG)		Adjust FI01 for minimum value at 40,4Mhz																																																																						
	trap 31.9Mhz FI 02	50 mV  1nF  11 NH01 TUNER		Adjust FI02 for minimum value at 31,9Mhz																																																																						
U G2 / cutoff	SCREEN	 +  +  = 50% AV (no Signal, black screen)	 CRT IB01: pins 9 / 12 / 15 highest output																																																																							
FOCUS	FOCUS LL05	 Test pattern (standard values)		Sharp picture																																																																						

MODO SERVICIO

I - ENTRADA/SALIDA MODO SERVICIO

1 ACCESO AL MODO SERVICIO

Acceso con panel control TV

- Con el mando a distancia conectar a STANDBY el televisor.
- Desconectar el aparato con el interruptor de la red (esperar hasta que el LED se apague).
- Pulse los botones PR - y VOL - y sin soltarlos, pulsar la tecla MARCHA/PAUSA.
- Libere los botones PR - y VOL - (RS).

SoftVer.: V1.00.0 0080
Config.: A5---N
Serial No.: 103465071

QUIT
TUBE
SETUP
GEOMETRY
VIDEO
IF

Nota :

En modo servicio:

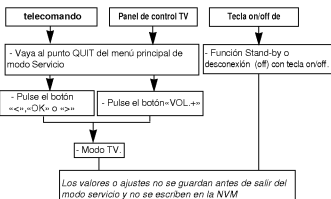
- Se ignora la función de bloqueo y se inicializa la función "cerradura niños".
- Anula todas las horas programadas.
- La patilla 6 del SCART es ignorada.
- La detección WSS AV Link, EPG, y Teletext son desactivados.
- El apagado automático en caso de ausencia de señal de antena es desactivado.
- El contraste, color y brillo son puestos a los valores de fábrica.
- la nitidez es puesta al punto medio.
- La expansión de contrast al nivel bajo.
- Modo Instalación es desactivado.
- Zoom y formato ignorados.

2 SALIDA TEMPORAL DEL MODO SERVICIO

- Pulse Salir en el mando a distancia
- Con el botón Menu puede acceder al menú de uso cotidiano.

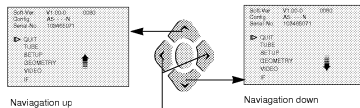
- Puede entrar al Menú Servicio con el botón azul.

3 SALIDA DEL MODO SERVICIO



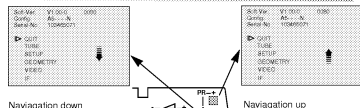
II - NAVIGATION INSIDE THE SERVICE MODE - DEPLACEMENT DANS LE MODE SERVICE FUNCTIONS WALLIN SERVICE MODE - OPZIONI NEL SERVICE MODE - BUSQUEDA EN MODO SERVICIO

1 REMOTE CONTROL - TELECOMMANDE - FERNBEDIENUNG TELECOMANDO - MANDO A DISTANCIA



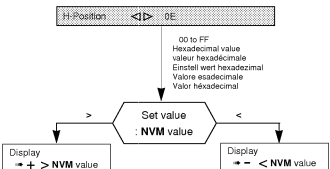
- Select option
 - Option anwählen
 - Selezionare l'opzione
 - Seleccionar opción
- "Change" value
"Wert" ändern
"Cambiare" valore
"Cambiar" valor
- VALUE

2 TV CONTROL PANEL - CLAVIER TV - TASTATUR DES FERNSEHGERÄTS - COMANDI DEL TELEVISORE



- Select option
 - Option anwählen
 - Selezionare l'opzione
 - Seleccionar opción
- "Change" value
"Wert" ändern
"Cambiare" valore
"Cambiar" valor
- Vol. VALUE
- Vol. VALUE

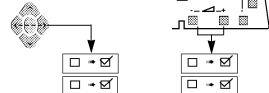
3 DISPLAYING THE VALUE OF THE SETTING - AFFICHAGE DES VALEURS - ANZEIGE DES EINSTELL WERTS VISUALIZZAZIONE DEL VALORE DELLA REGOLAZIONE - VISUALIZACION DEL VALOR DE AJUSTE



4 TOGGLE FUNCTIONS - VALIDATION DES FONCTIONS EIN/UND AUSSCHALT FUNKTIONEN - FUNZIONI DI COMMUTAZIONE - FUNCTION COMMUTACION

To enable a function check ☒ the box.
Pour valider une fonction cocher ☒ la case correspondante
Zum Implementieren einer Funktion das Kontrollkästchen ☒ aktivieren (anzukreuzen)
Per implementare una funzione di verifica, (visitare) ☒ la casella
Para poner en funcionamiento una función verifique (señale) ☒ la casilla

- ☒ : Enable function
- ☐ : Disable function



5 STORING VALUES IN MEMORY - MEMORISATION DES VALEURS - SPEICHERN DER WERTE - MEMORIZZAE I VALORI - VALORES ALMACENADOS EN LA MEMORIA

After setting, the values are stored in NVM.
Après réglages les valeurs sont mémorisées en NVM.
Nach dem Einstellen werden die Werte im NVM gespeichert.
Dopo la regolazione i valori vengono memorizzati in NVM.
Después del ajuste, los valores son almacenados en NVM

The box ☐ becomes ☒
During alignment, values are temporarily stored in RAM.
En cours d'alignement les valeurs sont mémorisées temporairement en RAM
Während des Abgleichs werden die Werte vorübergehend im RAM gespeichert
Durante l'allineamento i valori vengono memorizzati provvisoriamente sulla RAM
Durante el ajuste, los valores son almacenados temporalmente en RAM

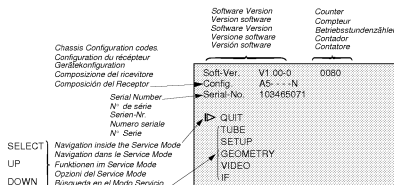
Store ➡ Copies RAM values into NVM
Copie la valeur RAM en NVM
Kopieren des Werts von RAM nach NVM
Copiare i valori RAM in NVM
Copiar valores RAM en NVM

Restore ➡ Copies all values from NVM into RAM.
Copie toutes les valeurs des données NVM en RAM
Kopiert alle NVM-Datenwerte in den RAM
Copiare tutti i valori da NVM sulla RAM
Copiar todos los valores de NVM a RAM

ROM Default ➡ All the default values of a page in use are stored in RAM.
L'ensemble des valeurs par défaut d'une page courante est chargé en RAM.
Sämtliche Standardwerte der aktuellen Seite werden im RAM geladen
Tutti i valori di default di una pagina in uso vengono memorizzati sulla RAM
Todos los valores por defecto de la página en curso están almacenados en RAM.

III - LITE-MENU FOR FIELD SERVICE MODE - MENUS DU MODE SERVICE

1 MAIN MENU - MENU PRINCIPAL



TV CONFIGURATION - CONFIGURATION DU TV - GERÄTEKONFIGURATION - CONFIGURAZIONE DEL TV - CONFIGURACIÓN DEL TV

Config.: ATZ-DKC

Character 1 : Tube type : «A» = 4/3, «W» = 16/9
Character 2 : Chassis type : «S» = 50Hz
Character 3 : Zoom available : «Z» = yes, «-» = not
Character 4 : Ambient Sensor : «S» = detected, «-» = not
Character 5 : Dolby : «D» = detected, «-» = not
Character 6 : AV Link detected : «K» = IRLink detected, «-» = not
Character 7 : Chassis Variant : «N» = Nicam, «S» = Stereo

Serial-NO.: AIB----

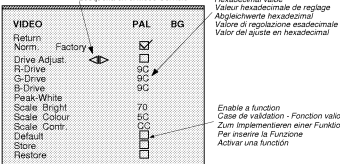
Character 1 : Factory : «A» = Angers, «C» = Celle, «T» = Tarancon
Character 2 : Year : «G» = 1996, «H» = 1997 etc..
Character 3 : Month, from : «1» = January to «C» = December
Character 4-9 : Serial NO.

TIME COUNTER - COMPTEUR DE TEMPS - BETRIEBSSTUNDENZÄHLER - CONTATORE - CONTADOR

The counter indicates the TV's number of service hours. It counts from 0 to 65535 hours.
The display is hexadecimal.
Le compteur de temps indique le nombre d'heures de service du TV. Il compte de 0 à 65535 heures. L'affichage est en hexadécimal.
Der Zähler zeigt an, wieviele Stunden der Fernseher in Betrieb ist. Die Anzeige ist hexadécimale.
Il contatore indica il numero di ore di servizio del TV. Può contatore da 0 a 65535. La visualizzazione è esadecimale.
El contador indica el número de horas de servicio de la TV. Cuenta de 0 a 65535 horas. El visualizador es hexadecimal.

2 SUBMENU - SOUS-MENU

Navigation inside the Service Mode
Navigation dans le Service Mode
Funktionenwahl im Service Mode
Opzioni del Service Mode
Busqueda en el Modo Servicio

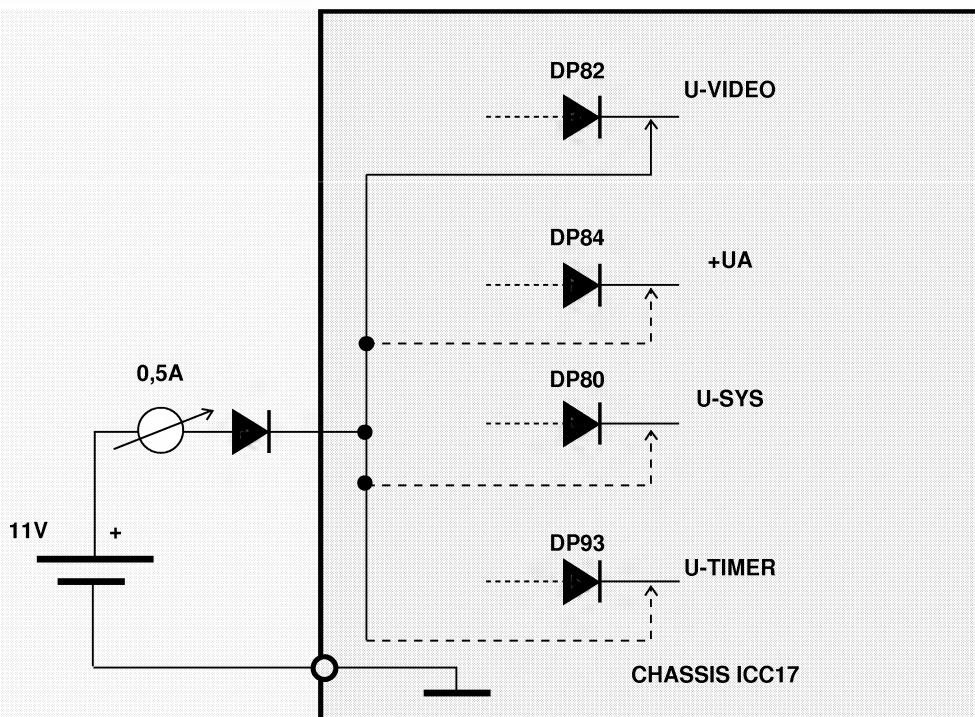


SECONDARY DC-VOLTAGES

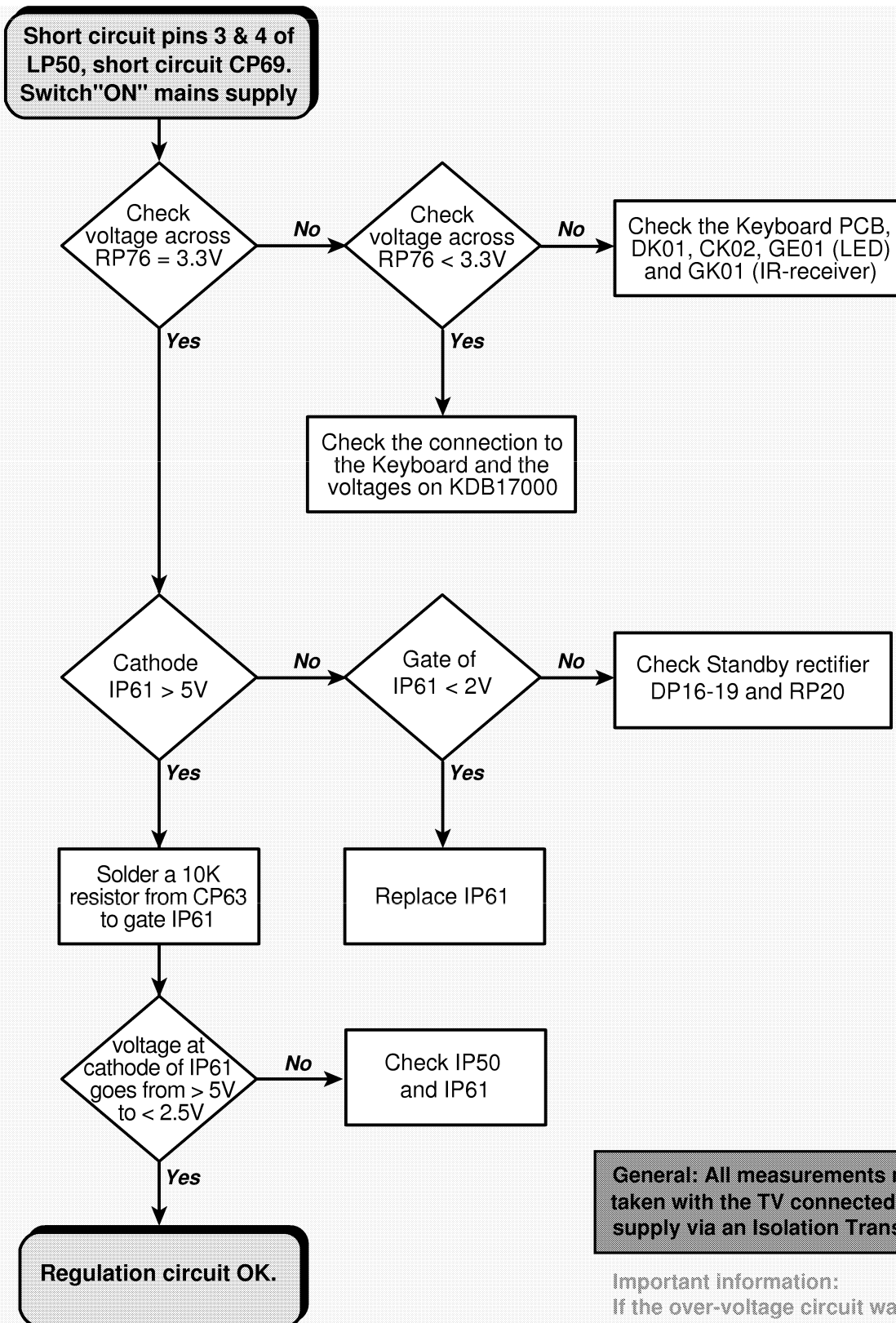
All measurements in this chapter must be done WITHOUT the mains supply connected to the TV.

Test circuit:

The external voltage source is provided by a variable DC-power supply with its output voltage set to 11V and the current limitation set to 500mA's. The negative terminal of the DC-power supply must be directly connected to the chassis secondary ground plane. The positive terminal of the DC-power supply is first connected to an ammeter and then the anode of an isolation diode. The cathode of the isolation diode is then connected to the load on the chassis as shown below. Measure the current drawn by each load tested.



STANDBY POWER SUPPLY - SECONDARY SIDE

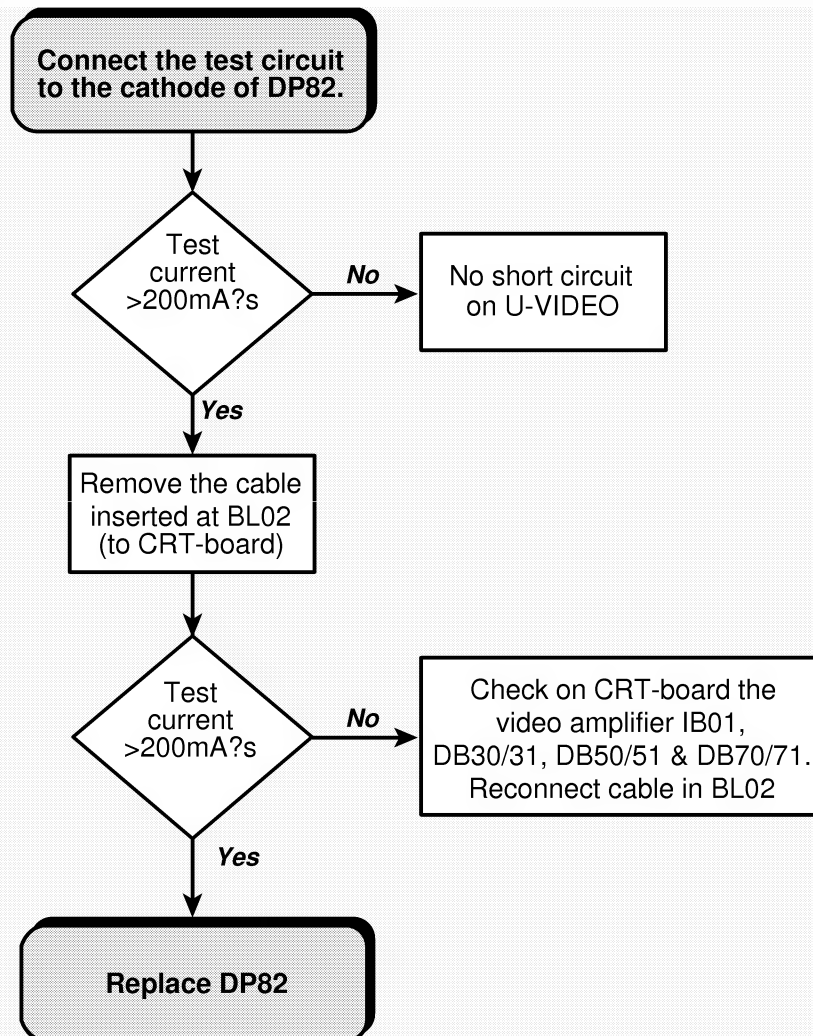


General: All measurements must be taken with the TV connected to the mains supply via an Isolation Transformer.

Important information:
If the over-voltage circuit was activated, you have to replace the fuse resistor at location RB/LB06 on the CRT-board.

After finishing this test, please remove the short circuits from pins 3/4 of LP50 and CP69 also remove the 10k resistor.

POWER SUPPLY - SECONDARY SIDE : U-VIDEO

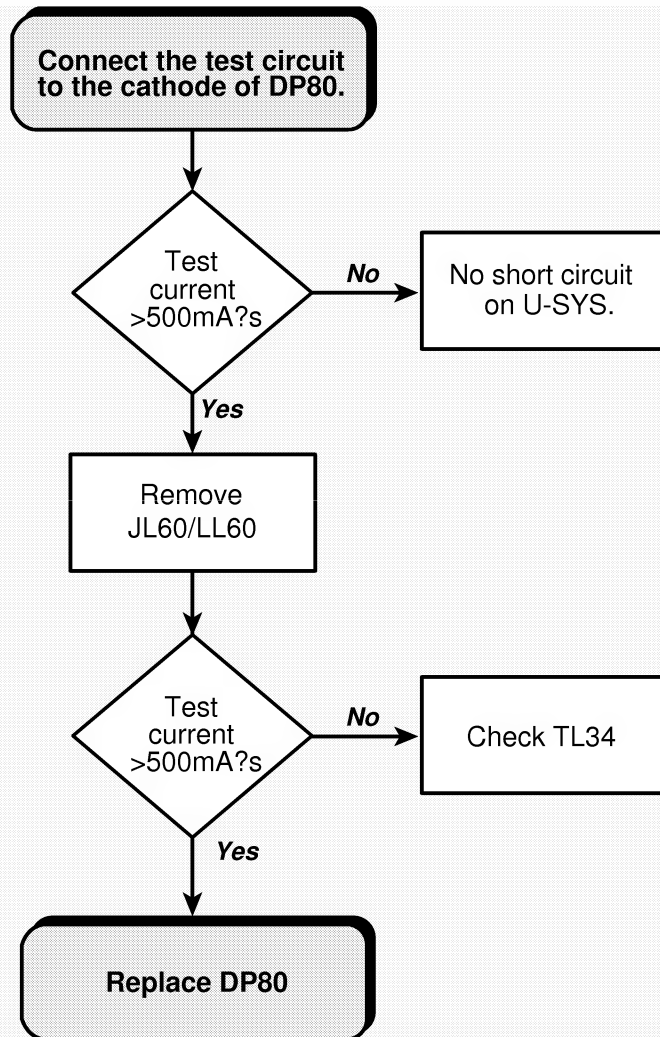


After finishing this test, please replace cable BL02 and remove the test circuit.

General: All measurements must be taken with the TV connected to the mains supply via an Isolation Transformer.

Important information:
If the over-voltage circuit was activated, you have to replace the fuse resistor at location RB/LB06 on the CRT-board.

POWER SUPPLY - SECONDARY SIDE : U-SYS

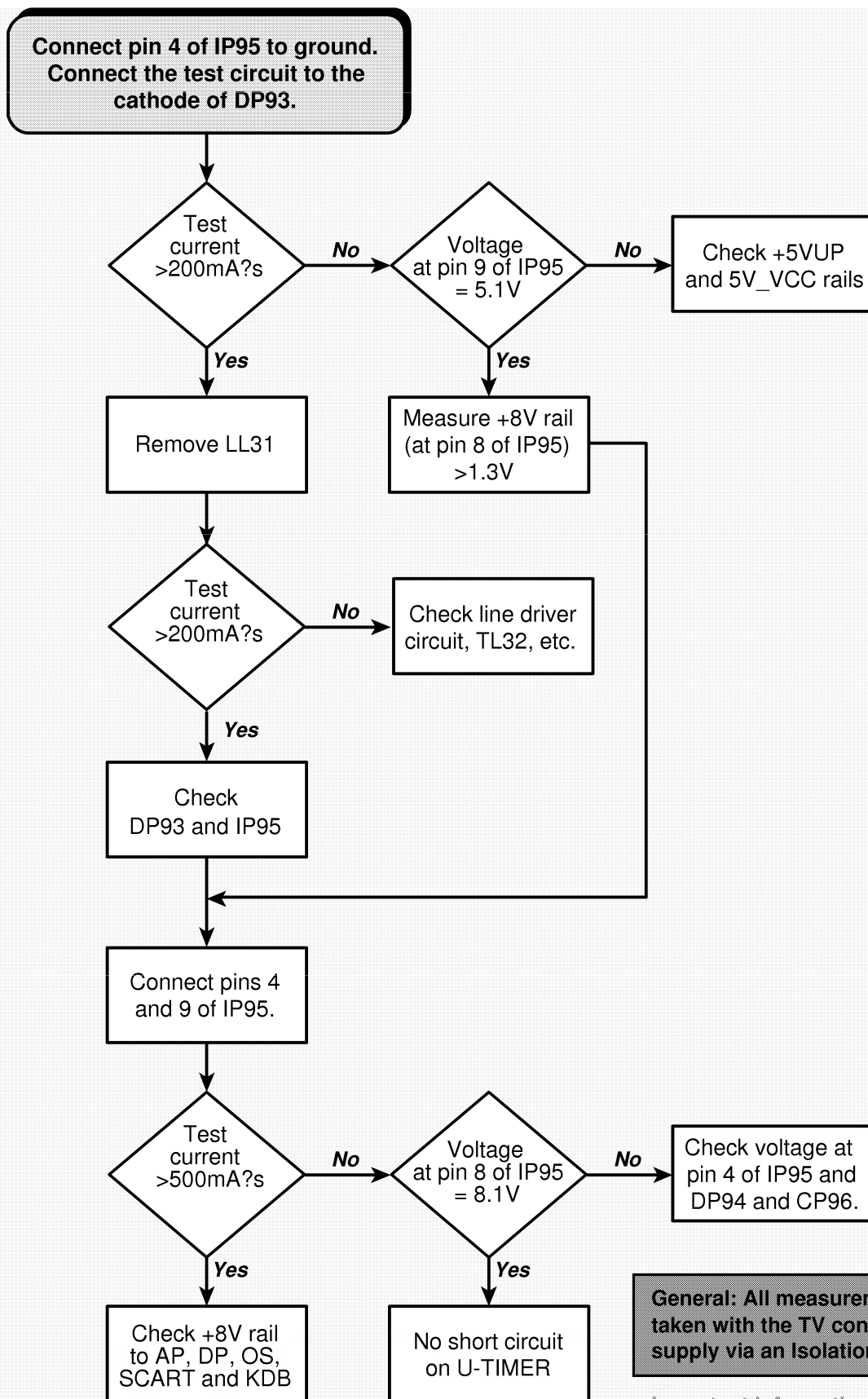


After finishing this test, please replace JL60/LL60 and remove the test circuit.

General: All measurements must be taken with the TV connected to the mains supply via an Isolation Transformer.

Important information:
If the over-voltage circuit was activated, you have to replace the fuse resistor at location RB/LB06 on the CRT-board.

POWER SUPPLY - SECONDARY SIDE : U-TIMER

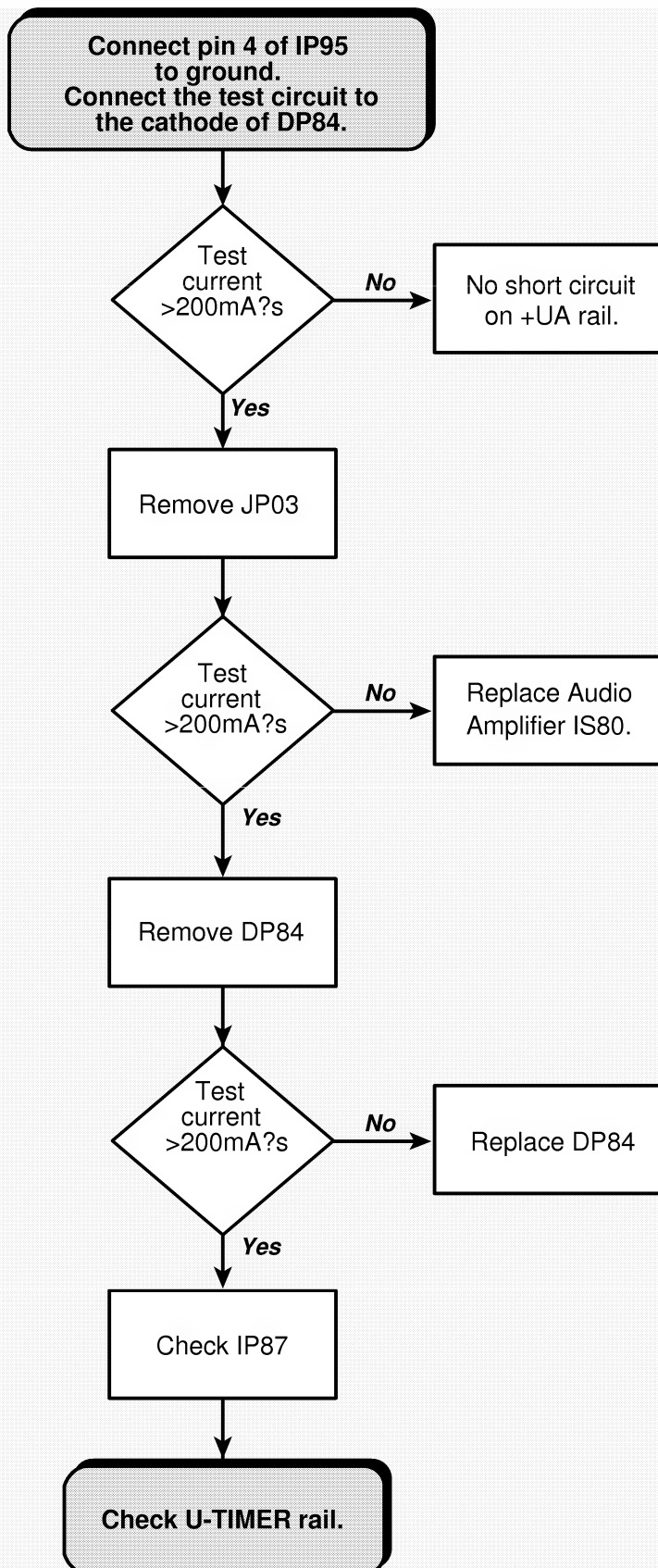


After finishing this test, please replace LL31, remove the link between pins 4 and 9 of IP95 and remove the test circuit.

Important information:

If the over-voltage circuit was activated, you have to replace the fuse resistor at location RB/LB06 on the CRT-board.

POWER SUPPLY - SECONDARY SIDE : +UA



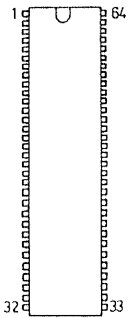
General: All measurements must be taken with the TV connected to the mains supply via an Isolation Transformer.

Important information:
If the over-voltage circuit was activated, you have to replace the fuse resistor at location RB/LB06 on the CRT-board.

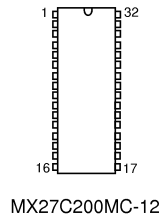
<p>LIST OF ABBREVIATIONS - LISTE DES ABREVIATIONS- ABKÜRZUNGEN LISTA DELLE ABBREVIAZIONI - LISTA DE ABBREVIACIONES</p>

● +USYS:	System voltage
● +U_VIDEO:	Video drive voltage for the CRT board
● + STDBY_ ON:	Standby data (0V standby , 0.6v switched ON)
● +5V DST:	5v unregulated voltage from the DST to supply the tuner and audio MSP device
● +5V ON:	5v regulated voltage from the DST to supply the tuner and audio MSP device
● +5V UP :	Microprocessor supply voltage
● BCL:	Beam current limiting information
● CVBS:	Composite video / luminance signal
● CVBS_OUT:	Composite video output
● CVBS_TXT:	Composite video for teletext extraction
● DEGAUSS:	Degauss signal
● EW :	East / West
● FORMAT / BC:	Full white control DATA depending on 16/9 selected format
● HDRV:	Horizontal deflection signal
● HTR1 / HTR2:	Heater voltage from the DST to CRT PCB
● LFB:	Line Fast Blanking
● MUTE :	Mutes audio amplifiers
● PO:	"Power ON " IP95 : reset activated and output = 8v "PO" = 5v when TV is working in normally
● POWER_FAIL:	Detection of mains supply and deflection stage failures
● RESET:	Microprocessor reset signal
● SAFETY:	Safety information from the deflection stage
● SCL:	Serial Clock
● SDA :	Serial Data
● SIF:	Sound IF
● TRAP_INFO:	31.4Mhz IF trap activation
● U_ STANDBY:	Standby voltage
● U_DRIVER:	Horizontal sync signal from TDA8855H
● U_TIMER:	11v voltage used during "Switch ON " phase and "Wake Up" mode
● V FLB:	Vertical flyback reference for the microprocessor
● V GUARD:	Safety data generated by the vertical amplifier TDA 8351
● V_RETRACE:	42 / 48volts (depending on tube type) generated by the DST and used for vertical blanking
● V_SUPPLY:	13.5 to 15.5 volts (depending on tube type) generated by the DST

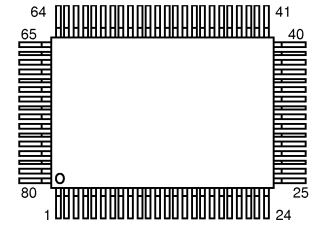
INTEGRATED CIRCUITS AND TRANSISTORS OUTLINE - CIRCUITS INTEGRES ET TRANSISTORS INTEGRIERTE SCHALTUNGEN UND TRANSISTOREN - CIRCUITI INTEGRATI TRANSISTOR CIRCUITOS INTEGRADOS Y TRANSISTORES



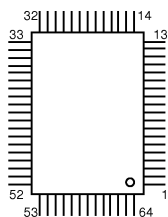
MPS3400C-PP-C6



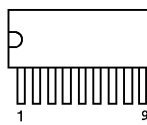
MX27C200MC-12



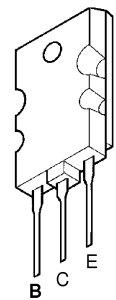
ST92R195



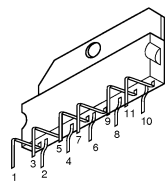
TDA8855H



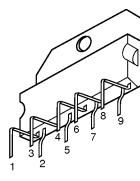
TDA8351



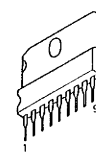
BUH516TH16



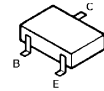
TDA7269



TDA6107Q



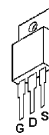
TDA 8139



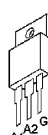
BC 847B
 BC 857B
 BCR141
 BCR191
 DTC113ZK
 DTC144EK
 TN1401



ST24C08-M
 TS3702CD



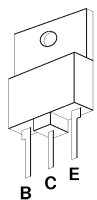
STP6 NA60F1



BT806 -600C



MC7812/CT



BD241C



BC 337
 BC 546B
 BC 547B



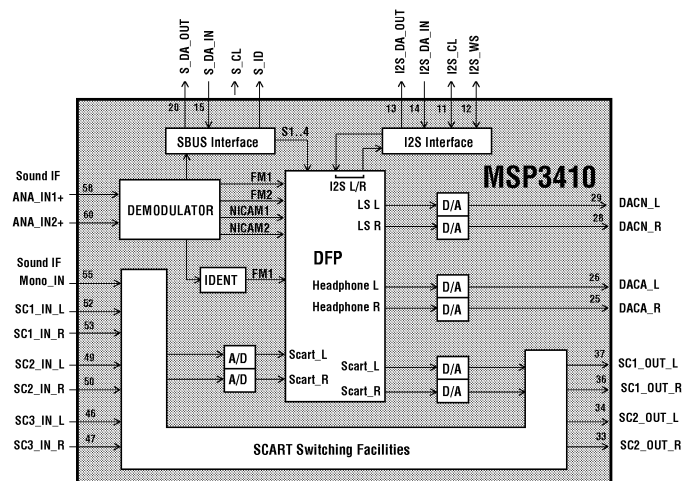
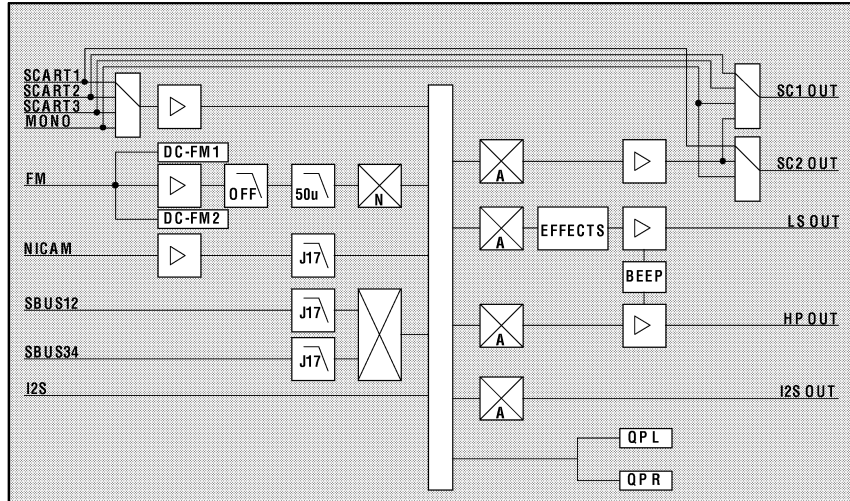
BF 422
 BF423
 2SA1020Y
 2SC2236Y



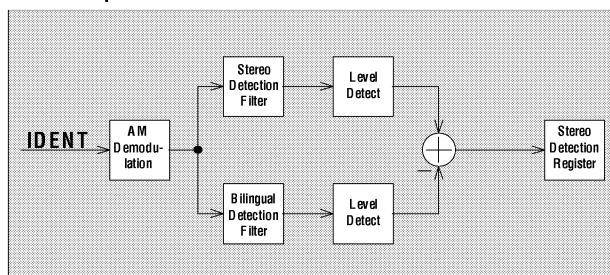
MPS750

INTEGRATED CIRCUITS BLOCK DIAGRAMS - SYNOPTIQUES INTERNES DES CIRCUITS INTEGRES - INTEGRIERTE SCHALTUNGEN BLOCKSCHALTBIlder SCHEMA A BLOCCHI DEI CIRCUITI INTEGRATI - VISTA INTERNA DE LOS CIRCUITOS INTEGRADOS

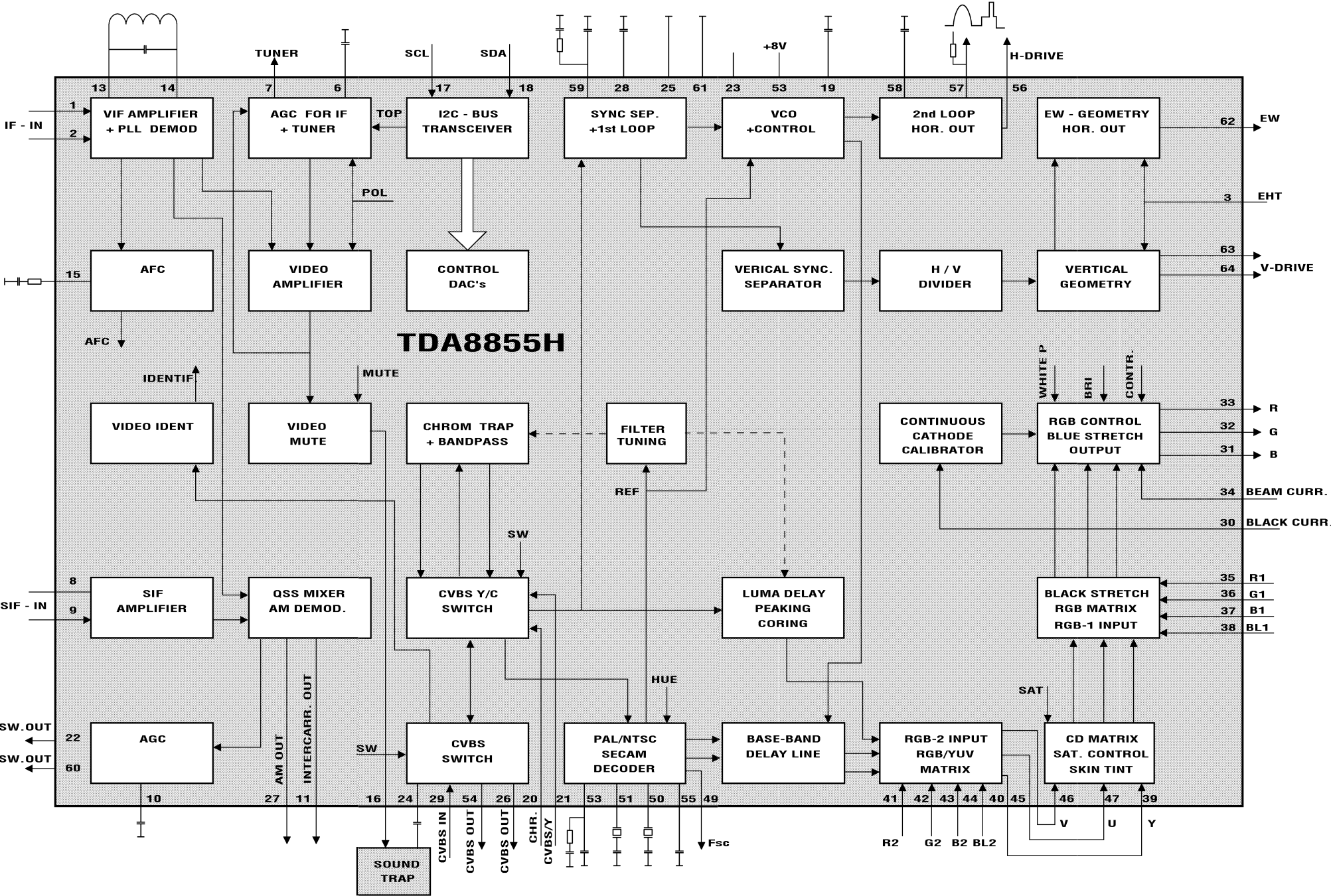
Audio baseband processing of the MSP3410



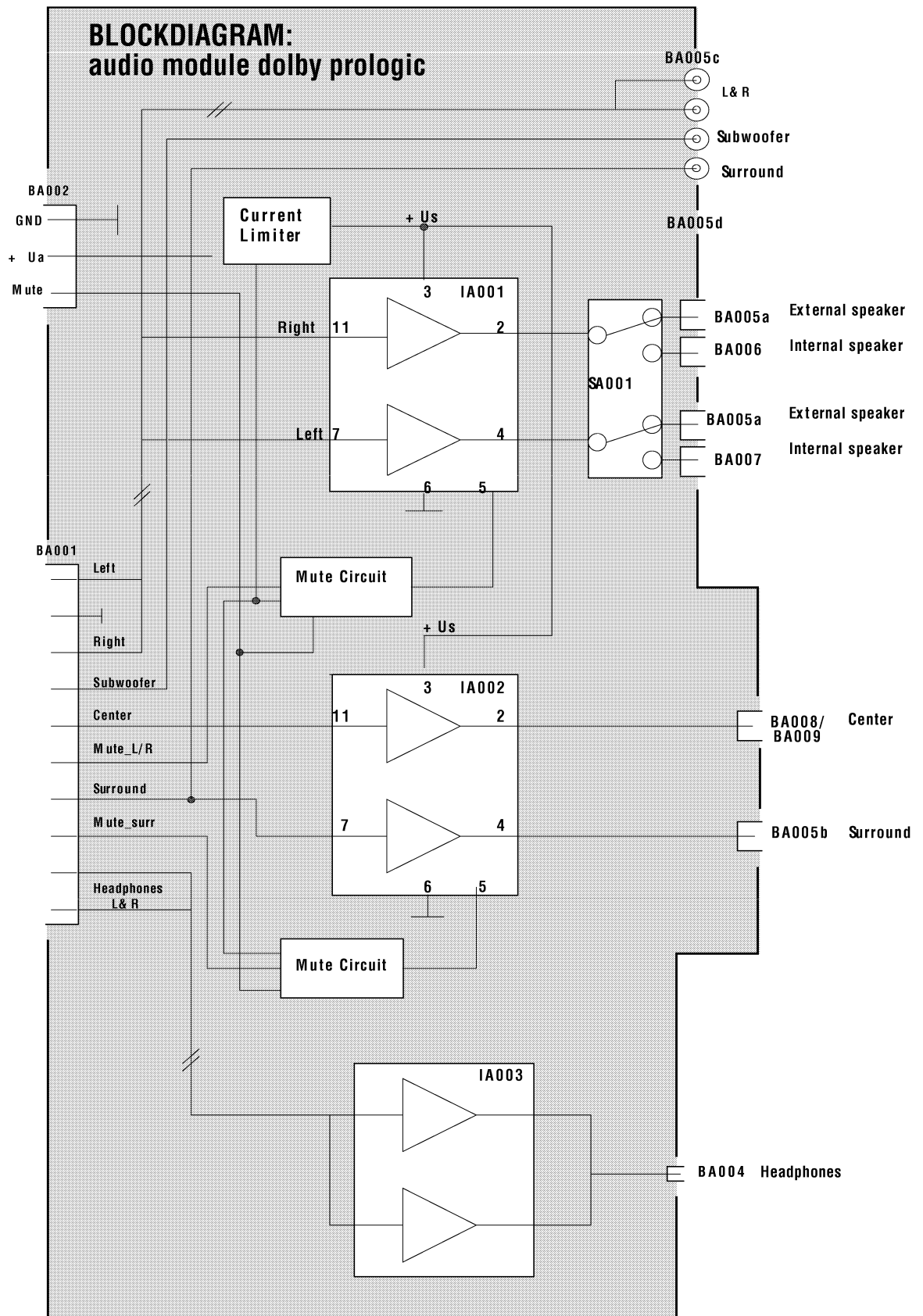
Detection part of the MSP 3410



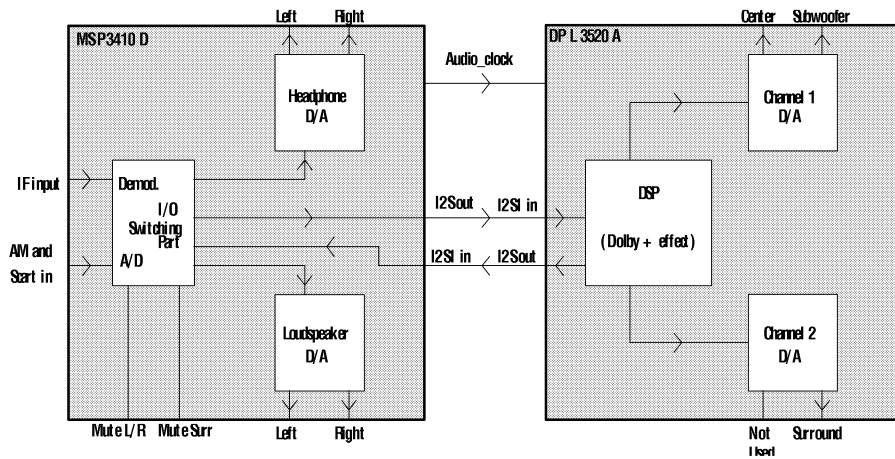
IV01 TDA 8855H



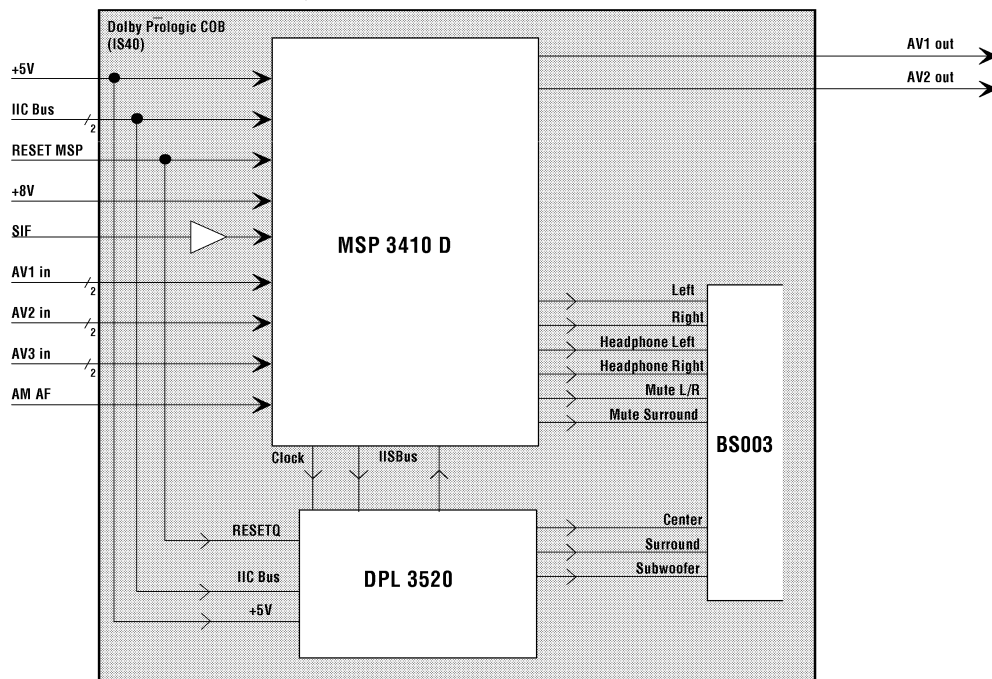
BLOCK DIAGRAM (AUDIO MODULE DOLBY PROLOGIC)
SCHEMA SYNOPTIQUE (AUDIO MODULE DOLBY PROLOGIC)
BLOCKSCHALTBILD (AUDIO MODULE DOLBY PROLOGIC)
SCHEMA A BLOCCI (AUDIO MODULE DOLBY PROLOGIC)
ESQUEMA DE BLOQUES (AUDIO MODULE DOLBY PROLOGIC)



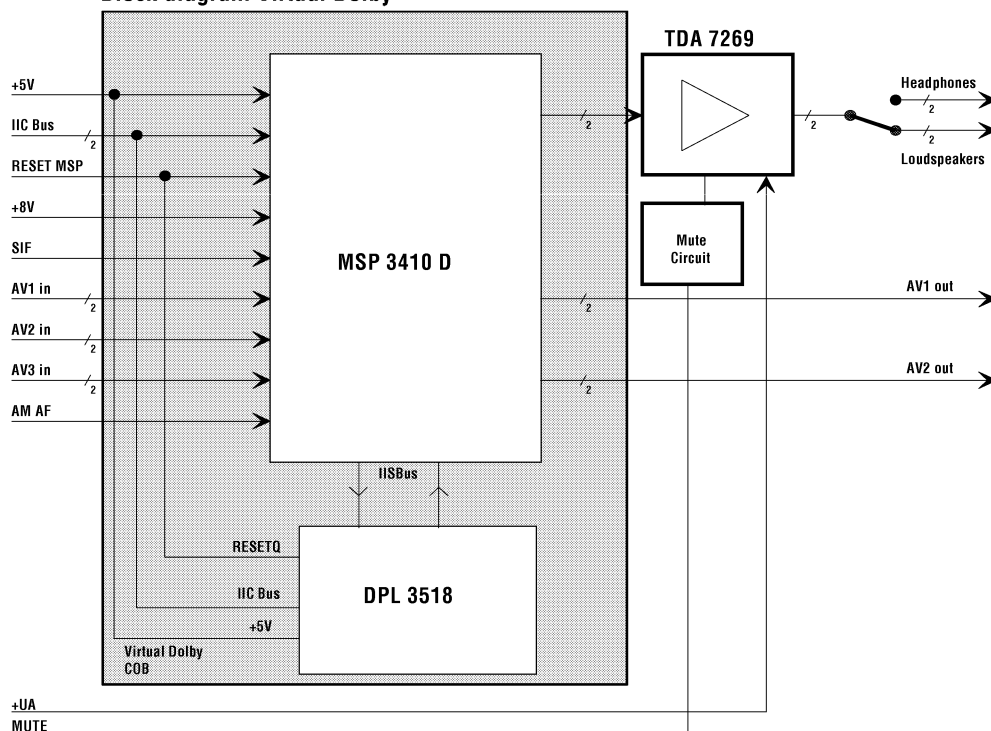
Interface requirement audio part with Dolby Prologic



Block diagram Dolby Prologic



Block diagram Virtual Dolby



5	INESTABILIDAD	6	PROBLEMAS FÍSICOS Y DE GRABACIÓN	7	FUNCIÓN ESPECIAL	8	OTRAS CONDICIONES
150	PROBLEMA DEL MANDO A DISTANCIA	160	DAÑO FÍSICO	170	PROBLEMA DE LA FUNCIÓN GENERAL	180	CONDICIÓN/ACCIÓN ESPECIAL
151	INACTIVO MANDO A DISTANCIA	161	PANEL/MUEBLE DEFORMADO/DAÑADO	171	FALLO DE LA FUNCIÓN DE RELOJ	181	PREVIA Y CONTROL
152	OPERACIÓN ERROÑEA DEL MANDO A DISTANCIA	162	ASAPINZA DE TRANSPORTE DAÑADA	172	FALLO DE LA FUNCIÓN DE ADECUAR	182	REVISIÓN
153	PROBLEMA DE PROGRAMACIÓN/INICIACIÓN DE FUNCIONES DEL MANDO A DISTANCIA	163	DAÑO DE BOTONES/BOTONES DE CONTROL/ETC. DAÑO DE TAPACUBIERTA	173	FALLO DE LA PROGRAMACIÓN DEL TEMPORIZADOR	183	CONVERSIÓN DE FRECUENCIA/SISTEMA
154	SERVIDOR DELEI DEL MANDO A DISTANCIA	164	DAÑO DE TAPACUBIERTA	174	FALLO DE LA GRABACIÓN POR TEMPORIZADOR	184	PUESTA EN MARCHA/INSTALACIÓN NECESARIA
155	OTRO PROBLEMA DEL MANDO A DISTANCIA	165	DAÑO DE PRECINTO	175	PROBLEMA DE BAJA VELOCIDAD DE PROGRAMACIÓN	185	MOVIMIENTO/CAMBIO DE CIRCUITO O DE INSTALACIÓN
156	OTRO PROBLEMA DEL MANDO A DISTANCIA	166	CONECTOR/TERMINAL/LOCAL/ENCHUFUE DAÑADO	176	FALLO EN LA OPERACIÓN DE PAUSA	186	MOVIMIENTO INCORRECTO EN EL EMBALAJE
157		167	DAÑO DE OBJETIVO	177	FALLO EN LA OPERACIÓN DE LA REPRODUCCIÓN	187	ACCESORIO EXTRANÍADO
158		168	DAÑO DE CARTUCHO O AGUJA	178	PROGRAMA	188	IMPOSIBLE CONECTAR EL ELEMENTO/SENSAMBLAR
159		169	DAÑO DEL TUBO CATHODICO/NO INDICADOR LCO	179	FALLO EN LA FUNCIÓN DE MEMORIA	189	PROBLEMA DE MONTAJE DE LA BATERÍA
160		170	PIEZAS O MATERIAL PERDIDOS	17A	FALLO EN LA COMUNICACIÓN DE SALIDA	190	SINTOMA DE SONIDO/DETECTOR
161		171	MARCA BORRADA	17B	DESCARGA ELECTRICA/DESCARGA ESTÁTICA	191	PROBLEMA DE MONTAJE DE LA BATERÍA
162		172	CIRCUITERIA QUEMADA/SALE HUMO	17C	FALLO FUNCIÓN DE	192	SINTOMA DE SONIDO/DETECTOR
163		173	DAÑO EN SUPERFICIE EXTERNA (BURBUJEANTE/PELADO/CORRODA/DAÑADO)	17D	INDICAR VÍDEO/CAPÍTULO/PRÓXIMO... 1)	193	SINTOMA NO OBTENIBLE
164		174	HUELLE	17E	LENGUAJE EQUIVOCADO/TIPO DE CARACTERES	194	
165		175	NO SOPORTE DEBIL/DETERIORADO	17F	APARECE CÓDIGO DE ERROR EN EL INDICADOR	195	
166		176	ALIVADO/DETERIORADO	17G	INTERRUPCIÓN NO FUNCIONA	196	
167		177	APARATO MUY CALIENTE/COMPONENTE FUNDIDO	17H	FECHA NO FUNCIONA	197	
168		178	SUSTANCIA EXTRA DENTRO DEL APARATO	17I	FALLO EN EL MODO "STANDBY"	198	
169		179	MARCAS DE ARDE	17J	FALLO EN EL MODO DE BOLD/ALFUMO	199	
170		180	SUPERFICIE INTERIOR DAÑADA (BURBUJEANTE/PELADO/CORRODA/DAÑADA)	17K	SEÑAL DE PRECAUCIÓN NO AUDIBLE	200	
171		181	CABLE DE RED DETERIORADO	17L	FALLO EN EL MODO DE BLOQUEO/FUNCIÓN KEYLOCK	201	
172		182	ACCESORIO DETERIORADO	17M	FALLO EN EL MODO DE COMUNICACIÓN	202	
173		183	DESCOLORACIÓN	17N	PROBLEMA EN EL MENÚ DE FUNCIONES	203	
174		184	OTRO PROBLEMA DE DAÑO FÍSICO	17O	OTRO PROBLEMA DE LA FUNCIÓN GENERAL	204	
250	COMUNICACIÓN INESTABLE	260	PROBLEMA DE SINTONÍA	270	PROBLEMA DE LA COMUNICACIÓN ESPECIAL	280	PROBLEMA DE LA RECEPCIÓN ESPECIAL
251	DESVIACIÓN DE SINTONÍA	261	PROBLEMA DE SINTONÍA MANUAL	271	FALLO EN LA COMPOSICIÓN DEL NÚMERO	281	FALLO EN LA RECEPCIÓN DE ESTEREO
252	DESVANECIMIENTO	262	PROBLEMA DE SINTONÍA AUTOMÁTICA	272	FALLO EN LA SELECCIÓN DEL CANAL	282	FALLO DEL CANAL PRINCIPAL (A)
253	LÍNEA INTERMITENTE/LÍNEA SE CORTA	263	SINTONÍA ERROÑEA	273	ERROR DEL CONTROL DE CANTIDAD AUTOMÁTICO	283	FALLO DEL CANAL SECUNDARIO/BUDUAL
254	CONEXIÓN INESTABLE O NO HAY CONEXIÓN E INDICACIÓN "SEÑAL DÉBIL"	264	PROBLEMA DE MEMORIA DE SINTONÍA	274	FALLO EN LA REPRODUCCIÓN DEL MENSAJE	284	FALLO EN LA RECEPCIÓN SSB
255	OTRO PROBLEMA DE COMUNICACIÓN INESTABLE	265	OTRO PROBLEMA DE SINTONÍA	275	FALLO EN LA LLAMADA AUTOMÁTICA/FUNCIÓN DE BELLAMANA	285	FALLO EN LA OPERACIÓN RDS/PICTO/POCKDS
256		266		276	FALLO DEL PROCESADO DE LA CONVERSACIÓN	286	FALLO EN LA RECEPCIÓN TELETESTO
257		267		277	NO HAY SEÑAL DE LLAMADA	287	SINTONÍA FINA/FX
258		268		278	TONO DE LLAMADA/RODÓUSOÉBIL	288	FALLO EN LA RECEPCIÓN SATELITE/TTY
259		269		279	MODEM SE CUELGA	289	MODEM NO ES RECONOCIDO POR EL SISTEMA
260		270		280	FAX NO FUNCIONA CORRECTAMENTE	290	FALLO EN INDICADORES DE CARGA DE LLAMADA
261		271		281	MODEM CREA PROBLEMAS CON EL TELÉFONO	291	FALLO EN LA RECEPCIÓN DE CARGA DE LLAMADA
262		272		282	SIN TONO DE LLAMADA DEL MODEM	292	APARATO BLOQUEADO
263		273		283	OTRO PROBLEMA DE LA COMUNICACIÓN ESPECIAL	293	OTRO PROBLEMA DE LA RECEPCIÓN ESPECIAL
350	IMAGEN INESTABLE	360	MALA GRABACIÓN DE IMAGEN	370	MALA FUNCIÓN ESPECIAL DE IMAGEN	380	PROBLEMA DE VISUALIZACIÓN/TUBO DE IMAGEN
351	PROBLEMA DE SINCRONIZACIÓN	361	NO HAY GRABACIÓN DE IMAGEN	371	PROBLEMA DE EDICIÓN	381	QUEVEDO EN VISUALIZACIÓN/TUBO DE IMAGEN
352	BOMBERO DE LA IMAGEN	362	NO HAY PROTECCIÓN CONTRA BORRADO DE VIDEO	372	FALLO DE DESVANECIMIENTO/MEZCLA	382	RASGUÑO EN VISUALIZACIÓN/TUBO DE IMAGEN
353	INESTABILIDAD/QUITTER DE LA IMAGEN	363	NO HAY BORRADO DE LA GRABACIÓN DE VIDEO ANTERIOR	373	FALLO DE COMUNICACIÓN NEGATIVA/POSITIVA	383	POVEDO EN VISUALIZACIÓN/TUBO DE IMAGEN
354	SALUDIDA DE LA IMAGEN (HORIZONTAL O VERTICAL)	364	NO HAY BORRADO ACCIDENTAL DE LA IMAGEN	374	FALLO DE SINCRONIZACIÓN	384	FALTA PUNTO FOSFORESCENTE EN EL TUBO DE VISUALIZACIÓN/TUBO DE IMAGEN
355	PARRADO DE LA IMAGEN	365	NO HAY GRABACIÓN DE CANAL	375	FALLO DE LA IMAGEN DIGITAL/IN-P	385	PUNTOS (S BRILLANTES) EN FOSFORO/PIXEL
356	CENTILLO DE LA IMAGEN	366	GRABACIÓN DE UN SOLO CAMPO	376	FALLO EN LA TRANSMISIÓN DE IMAGEN	386	LÍNEAS TRANSVERSALES

EACEM - CÓDIGOS DE SECCIÓN

COMÚN	
ANT	SECCIÓN DE LA ANTENA
APR	PROCESADO DE SEÑALES (ANALÓGICO)
BCH	CARGA DE BATERÍA
CLK	SECCIÓN DE RELOJ
CPA	PROCESADO DE COLOR ANALÓGICO
CTR	PANEL DE CONTROL
DPR	PROCESADO DE SEÑALES (DIGITAL)
ERA	CIRCUITO DE BORRADO
FLX	PLACA FLEXIBLE
HFS	SECCIÓN DE ALTA FRECUENCIA
IDS	SECCIÓN DEL DISPLAY DE INFORMACIÓN
IFC	CIRCUITO FI
ILN	SECCIÓN I.LINK (IEEE1394)
INP	SECCIÓN DE ENTRADA DE SEÑALES
IRD	SECCIÓN INFRA-ROJOS (IRDA)
MEM	SECCIÓN DE MEMORIA
OUT	SECCIÓN DE SALIDA DE SEÑALES
PRG	SECCIÓN DE PROGRAMACIÓN
PRT	CIRCUITO DE PROTECCIÓN
PSU	ALIMENTACIÓN
PWA	SECCIÓN DEL AMP DE POTENCIA
REM	SECCIÓN DEL CONTROL REMOTO
RFU	AMPLIFICADOR/UNIDAD RF
SFT	SOFTWARE (CINTA/DISCO/ETC.)
SNS	UNIDAD DE DETECCIÓN
SVO	SECCIÓN DE SERVO
SYS	SECCIÓN DEL SISTEMA DE CONTROL
TUN	SECCIÓN DE SINTONIZACIÓN
TXT	PROCESADO DE TEXTOS
SONIDO	
APA	PROCESADO DE AUDIO ANALÓGICO
APD	PROCESADO DE AUDIO DIGITAL
CDC	SECCIÓN CAMBIADOR CD
CDS	SECCIÓN CD
MDC	SECCIÓN CAMBIADOR MD
MDS	SECCIÓN MINIDISC
MIC	SECCIÓN DE MICRÓFONO
PUD	DISPOSITIVO CAPTADOR
SHD	CABEZAS FIJAS
SPK	ALTAVOZ
IMAGEN	
CAM	CIRCUITO CÁMARA
CPD	PROCESADO DE COLOR DIGITAL
CRT	TUBO DE IMAGEN
DFL	CIRCUITO DE DEFLEXIÓN
DVD	SECCIÓN DVD
FPK	CONJUNTO DE ENFOQUE
IMG	UNIDAD DE VISUALIZACIÓN DE IMÁGENES

IMAGEN	
LCD	SECCIÓN LCD
LMP	SECCIÓN FLASH/LÁMPARA
VPA	PROCESADO DE VIDEO ANALÓGICO
VPD	PROCESADO DE VIDEO DIGITAL
VWF	VISOR
PC	
FDD	EXCITADOR DEL FLOPPY DISC
FMW	PROGRAMACIÓN FIJA
HDD	EXCITADOR DEL DISCO DURO
ISA	SECCIÓN ISA
JST	JOYSTICK
KBD	TECLADO
MDM	SECCIÓN MODEM
NIF	RED DE INTERCONEXIÓN
PAR	PUERTA PARALELO
PCC	TARJETA PC
PCI	SECCIÓN PCI
SCS	PUERTA SCSI
SER	PUERTA SERIE
USB	PUERTA USB
MECÁNICO	
ARM	MECANISMO DEL BRAZO
BZL	BEZEL (MUEBLE FRONTAL)
CBT	MUEBLE
CHA	CHASIS
DDM	SECCIÓN DE ACCIONAMIENTO DEL DISCO
EXC	CONECTOR EXTERNO
HCM	MECANISMO DE SOPORTE DE LA CABEZA
HOL	SOPORTE DE CASSETTE
INC	CONECTOR INTERNO
LDG	MECANISMO DE CARGA
LNМ	MECANISMO DE LENTE
PFM	MECANISMO DE ALIMENTACIÓN DEL PAPEL
PIN	RODILLO/PALANCA DE APRIETE
PRI	BLOQUE DE IMPRESOR
RFM	MECANISMO DE ALIMENTACIÓN DE LA CINTA
RHD	CABEZAS ROTATIVAS
SLD	MECANISMO DE SEGUIMIENTO
SRS	SECCIÓN DEL CARRETE DE SUMINISTRO
STA	BLOQUE ESTÁTICO
TDM	MECANISMO DE ACCIONAMIENTO DE LA CINTA
THR	MECANISMO DE ENHEBRADO
TNR	REGULADOR DE LA TENSIÓN DE LA CINTA
TPT	CAMINO DE LA CINTA
TRS	SECCIÓN DEL CARRETE DE RECOGIDA
WIR	CABLE
XXX	PIEZAS ESTÉTICAS

CÓDIGOS DE LOS DEFECTOS			
MECÁNICO		ELÉCTRICO	
A	GASTADO (O DEFECTO MECÁNICO EN GENERAL)	N	COMPONENTE ELÉCTRICO/MÓDULO DEFECTUOSO
A1	ERROR DE FUNCIONAMIENTO	O	QUEMADO/FORMACIÓN DE ARCO/PIXELS QUE FALTAN
B	ENSUCIADO/MANCHADO	P	MAL AJUSTADO ELÉCTRICAMENTE/MAL AJUSTADO
C	DESAJUSTADO MECÁNICAMENTE	Q	CORTOCIRCUITO
D	CORTADO/DEFECTUOSO	R	CIRCUITO ABIERTO
E	DESFORMADO	S	FUGA (ELÉCTRICA)
F	ENGANCHADO/BLOQUEADO	T	MAL CONTACTO/SOLDADURA
G	RAYADO/ABOLLADO/BORDES CORTANTES	T1	MALA CONEXIÓN A TIERRA
H	HENDIDURA/PELADO/CORROÍDO/FUNDIDO	U	CIRCUITO ABIERTO
I	SEPARADO/SUELTO/RAYADO	V	PLACA HENDIDA
J	INESTABILIDAD	W	SOLDADURA SECA O QUE FALTA
K	PÉRDIDA (MECÁNICA)	X	SOLDADURA EN PUENTE
L	SECO (SIN LUBRIFICANTE)	Y	MÓDULO/COMPONENTE EQUIVOCADO
M	CUERPO EXTRAÑO	Z	MÓDULO/COMPONENTE PERDIDO
		1	PROBLEMA DE SOFTWARE
		11	PÉRDIDA DE DATO DESDE LA MEMORIA
		12	FALLO EN AJUSTE/INSTALACIÓN DE PROGRAMA
		13	SOFTWARE DEFECTUOSO O INCOMPLETO
		14	PROBLEMA DE AJUSTE DEL SOFTWARE
		15	NO IDENTIFICA/VERIFICA EL PRODUCTO O EL USUARIO
		2	AGOTADO/EMISIÓN DÉBIL
		3	NO SE ENCUENTRA PROBLEMA (APARATO DENTRO DE ESPEC.)
		4	NO SE ENCUENTRA PROBLEMA - EQUIVOCACIÓN DEL USUARIO
		5	NO SE ENCUENTRA PROBLEMA - CONDICIONES LOCALES
		51	FALLO EN LA TENSIÓN PRINCIPAL
		6	IMPOSIBLE DIAGNOSTICAR FALLO
		7	INCORRECTAMENTE CABLEADO/MONTADO
		81	CONEXIÓN INCORRECTA DEL EQUIPO
		9	MAL USO POR EL USUARIO
		93	MODIFICACIÓN NO AUTORIZADA

CÓDIGOS DE REPARACIÓN	
A	SUSTITUCIÓN
B	AJUSTE MECÁNICO
C	AJUSTE ELÉCTRICO
D	RESOLDADURA
D1	REPARACIÓN/RECOLOCAR EN SU SITIO (CONECTOR/TUBO/...)
E	LIMPIEZA
F	ENGRASE
G	COMPONENTES ELÉCTRICOS REPARADOS
H	COMPONENTES MECÁNICOS REPARADOS
I	MODIFICACIÓN SOLICITADA POR EL FABRICANTE
J	DESMONTADO
K	AÑADIDO
L	COMPROBACIÓN FUNCIONAL
M	MEDICIÓN DE ESPECIFICACIÓN
N	MANTENIMIENTO
O	REPULIR
P	SUSTITUCIÓN PREVENTIVA DE COMPONENTES

Q	ACCIÓN PREVENTIVA SIN SUSTITUCIÓN DE COMPONENTES
U	EXPLICACIÓN AÑADIDA
V	PRESUPUESTO RECHAZADO
W	PRESUPUESTO CON COMPONENTES
X	PRESUPUESTO SIN COMPONENTES
Y	VUELTO AL CLIENTE SIN REPARACIÓN
Z	CAMBIO DEL APARATO
Z1	CAMBIO DE PRODUCTO (REPARACIÓN MUY CARA)
Z2	CAMBIO DE PRODUCTO (MUCHAS VISITAS/REPARACIONES)
Z3	CAMBIO DE PRODUCTO (REPUESTO NO OBTENIBLE)
Z4	CAMBIO DE PRODUCTO (IMPOSIBLE DE REPARAR)
Z5	CAMBIO DE PRODUCTO (SOLICITADO AL DETALLISTA)
Z6	CAMBIO DE PRODUCTO (SOLICITADO POR EL FABRICANTE)
1	CORRECCIÓN DEL SOFTWARE/REAJUSTE
2	ACTUALIZACIÓN DEL SOFTWARE
3	PRODUCTO ACTUALIZADO (SOBRE PEDIDO)

BANDEROLA		EJEMPLO:																															
		CÓDIGO DE SÍNTOMA				CÓDIGO DE REPUESTO												NÚMERO DE REFERENCIA				SECCIÓN		PLACA				CÓDIGO DE DEFECTO		CÓDIGO DE REPARACIÓN		CANTIDAD	
1		1 4 1 2				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1												R 1 2 3				T D M		Y A 2 2				C 1		Z 1			
.		3 6 4 1				3 4 5 6 7 8 9 X X X X X X X X X X												1 1															

BANDEROLA: INDICA LA ÚNICA Y PRINCIPAL COMBINACIÓN SÍNTOMA/COMPONENTE POR "1"

TECHNICAL INFORMATION

Chassis concerned : ICC17 (25"MP & 28"MP)

Symptom/ Problem observed :

Spare Parts List, component part number amendment.

Solution implemented :

To optimize the CRT heater supply voltage for the above mentioned tubes, both LL05(DST) and LB02 (coil) have been changed.

LL05 : Old Part No. 10546610 ---> **New Part No. 10600190**

LB02 : Old Part No. 10477930 ---> **New Part No. 25349470**

Comment :

Both components must be replaced at the same time.

TECHNICAL INFORMATION

Finished products / Chassis concerned :
All TV sets equipped with ICC17 chassis (CRT Board)

Subject : Protection of transistor TB02 against arcing

Symptom/ Problem observed :

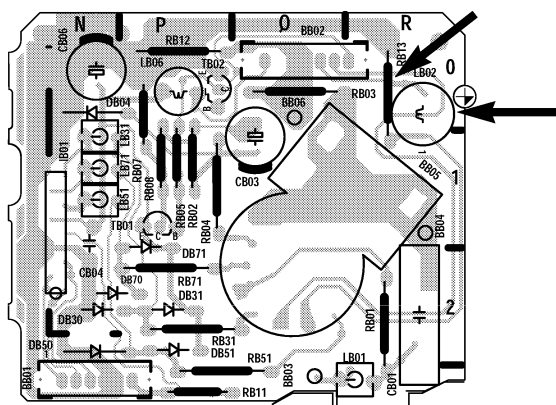
Transistor type number BF422 used in position TB02 found defective.

Cause :

Arcing.

Solution implemented :

- Remove the resistor at location RB13.
- On the copper side of the CRT PCB, add an insulated wire link between pin 1 of inductor LB02 and pin 4 of the CRT socket (ground).



IRIS CODE: the code mentioned below must be used to report this failure on the warranty sheet. It will make your report easier and more reliable

Condition/ Symptom	Part No	Qty	Position	Section	Fault Code	Repair Code
1 3 1 5			R B 1 3	V P A	Y	T

You do not need to write anything in the white boxes.

TECHNICAL INFORMATION

Chassis concerned : ICC17

Symptom/ Problem observed :

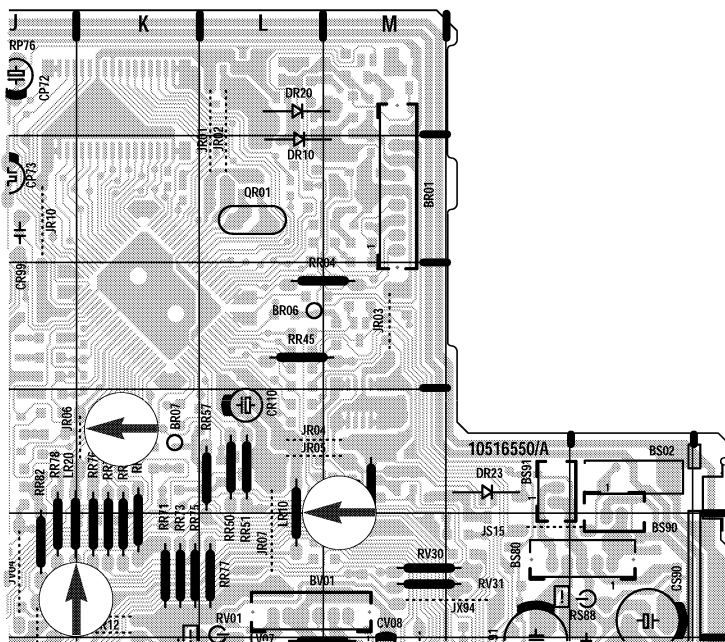
Moiré patterning visible on some channels.

Cause :

High frequency cross modulation.

Solution implemented

- Remove the jumper link at location JR06.
- Remove the inductor at location LR20.
- Replace LR10 10 μ H inductor with a jumper link.



TECHNICAL INFORMATION

Chassis concerned : ICC17

Problem observed :

Different symptoms can be observed

- TV stuck in the Standby Mode with the safety mode active (code 27).
- Unstable OSD graphics.
- Sporadic or intermittent vertical scan.

Cause :

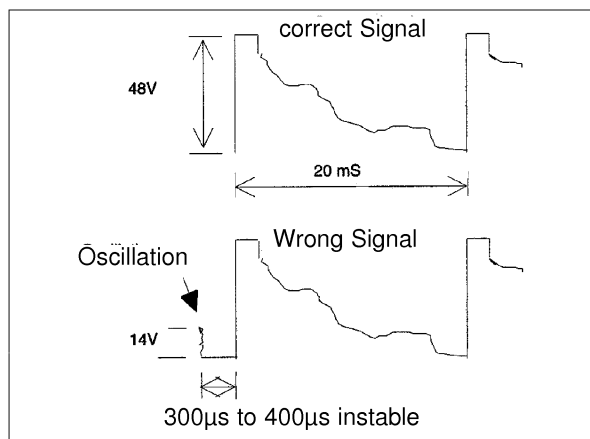
Parasitic oscillation at pin 7 of IF01 (see attached)

Solution implemented :

The problem is still under investigation to identify the basic cause of the problem, but to initially overcome the problem we recommend changing the following components:

- Change RF08 from 4.7Ω or 27Ω to 68Ω 5% 0.700w Part No. 15009050.
- Change CF08 from 100nF to 220nF 20% 63V Part No. 43302770.

If problem is still not resolved after changing the above mentioned resistors the replace IF01.



IRIS CODE: the code mentioned below must be used to report this failure on the warranty sheet. It will make your report easier and more reliable

Condition/ Symptom	Part No	Qty	Position	Section	Fault Code	Repair Code
1119	15009050	01	RF08	DFL	Y	A
	43302770	01	CF08	DFL	Y	A

You do not need to write anything in the white boxes.



TECHNICAL INFORMATION

Chassis concerned : ICC17 (with PCB index 02)

Problem observed :

The TV will not come out the Standby Mode.

Cause :

When starting, the base drive current to TP50 is too low.

Solution implemented :

Change the diode in position DP39 (LL4148) to a resistor strap Part No. 41047950.

IRIS CODE: the code mentioned below must be used to report this failure on the warranty sheet. It will make your report easier and more reliable

Condition/ Symptom	Part No	Qty	Position	Section	Fault Code	Repair Code
1119	41047950	01	DP39	PSU	Y	A

You do not need to write anything in the white boxes.

TECHNICAL INFORMATION

Chassis concerned : ICC17

Problem observed :

At switch "ON", the TV's standby power supply does not work.

Cause :

The reverse voltage of the diodes used in positions DP16/17/18/19 (1N4001) is too low especially when the mains voltage is at highest.

Solution implemented :

Change the diodes used in positions DP16/17/18/19 with higher reverse breakdown voltage (400V) type number 1N4004, Part No. 44009009.

IRIS CODE: the code mentioned below must be used to report this failure on the warranty sheet. It will make your report easier and more reliable

Condition/ Symptom	Part No	Qty	Position	Section	Fault Code	Repair Code
1119	44009009	01	DP16	PSU	Y	A
	44009009	01	DP17	PSU	Y	A
	44009009	01	DP18	PSU	Y	A
	44009009	01	DP19	PSU	Y	A

You do not need to write anything in the white boxes.

TECHNICAL INFORMATION

Chassis concerned : ICC17 (with PCB index 02)

Problem observed : .

East/West correction circuit failure.

Cause :

The transistor used in position TL41 (BD241C) is damaged due to CRT flashover.

Solution implemented :

After replacement TL41, add a RGP10G protection diode in position DL41 in parallel with TL41 (cathode to the collector of TL41 and the anode to ground), Part No. 10459090.

IRIS CODE: the code mentioned below must be used to report this failure on the warranty sheet. It will make your report easier and more reliable

Condition/ Symptom	Part No	Qty	Position	Section	Fault Code	Repair Code
3335	10459090	01	DL41	DFL	Z	K

You do not need to write anything in the white boxes.

TECHNICAL INFORMATION

Chassis concerned : ICC17

Subject : Improvement of the reception with internal antenna

Problem observed :

Moiré patterning, mainly visible on VHF channels.

Cause:

Inference being caused by the switch mode power supplies when using a set top aerial.

Solution implemented :

Change the value of capacitor CP49 from 1.5nF into 3.3nF 20% 1.6KV code 10607950.

Please change the following components in order to change the frequency of operation of the power as follows :

- Capacitor CP16/CP17 from 220nF to a 470nF 20% 275V Part No. 10596570.
- Capacitor CP41 from 10nF 63V to a 10nF 10% 100V Part No. 70427750.
- Resistor RP53 from 5.6kΩ to a 5.1kΩ 5% 0.100W Part No. 30611700.
- Resistor RP56 from 10kΩ to a 2.2kΩ 5% 0.100W Part No. 40077900.

IRIS CODE: the code mentioned below must be used to report this failure on the warranty sheet. It will make your report easier and more reliable

Condition/ Symptom	Part No	Qty	Position	Section	Fault Code	Repair Code
1 2 2 4	1 0 6 0 7 9 5 0	0 1	C P 4 9	P S U	Y	A
	1 0 5 9 6 5 7 0	0 1	C P 1 6	P S U	Y	A
	1 0 5 9 6 5 7 0	0 1	C P 1 7	P S U	Y	A
	7 0 4 2 7 7 5 0	0 1	C P 4 1	P S U	Y	A
	3 0 6 1 1 7 0 0	0 1	R P 5 3	P S U	Y	A
	4 0 0 7 7 9 0 0	0 1	R P 5 6	P S U	Y	A

You do not need to write anything in the white boxes.

☐

TECHNICAL INFORMATION

Chassis concerned : ICC17

Problem observed :

Visible flash over after quickly switch Off and On again.

Solution implemented :

Change the value of capacitor CI57 from 2.2μF to a 1μF 20% 100V, Part No. 256728.

IRIS CODE: the code mentioned below must be used to report this failure on the warranty sheet. It will make your report easier and more reliable

Condition/ Symptom	Part No	Qty	Position	Section	Fault Code	Repair Code
1321	256728	01	CI57	APR	Y	A

You do not need to write anything in the white boxes.

GENERAL INFORMATION

METHODOLOGY

1 - ON POWER-UP :

- Observe the behaviour of the two-coloured LED: note the various stages and compare them to the normal cycle.
By doing this, the time at which the problem arose and the part of the circuit which needs to be investigated can be identified.

2 -TROUBLE SHOOTING PROCEDURE: LED BEHAVIOUR

In certain cases the LED will flash when transmitting a message:

LED flashing : message being transmitted.

Count the flashes : code is two bursts separated by a pause of 0.7 s and repeated several times.

See the error code table.



**LIST OF LED MESSAGE
ERROR CODES**

This data is more precise than colour changes but still incomplete, since various causes may generate the same code.

3 - FAULT FINDING :

Carryout of stages 1 and 2: an oscilloscope test may clarify the code transmitted in stage two.

a - The television set operates fully or partially

- Use LED message observation fault finding methods 1 and 2. See also the faults listed relating to fault finding by symptom.

b - The television goes into permanent or cyclical security mode

- Observe LED's behaviour (flashing red, stable orange followed by flashing, etc.).
Select the relevant box in the column (LED behaviour fault finding).

POWER SUPPLY - ALIMENTATION - NETZTEIL - ALIMENTAZIONE - ALIMENTACIÓN

(5) : standby

Note :
During measurements in the power supply unit
- Use the primary power unit ground (PGND).

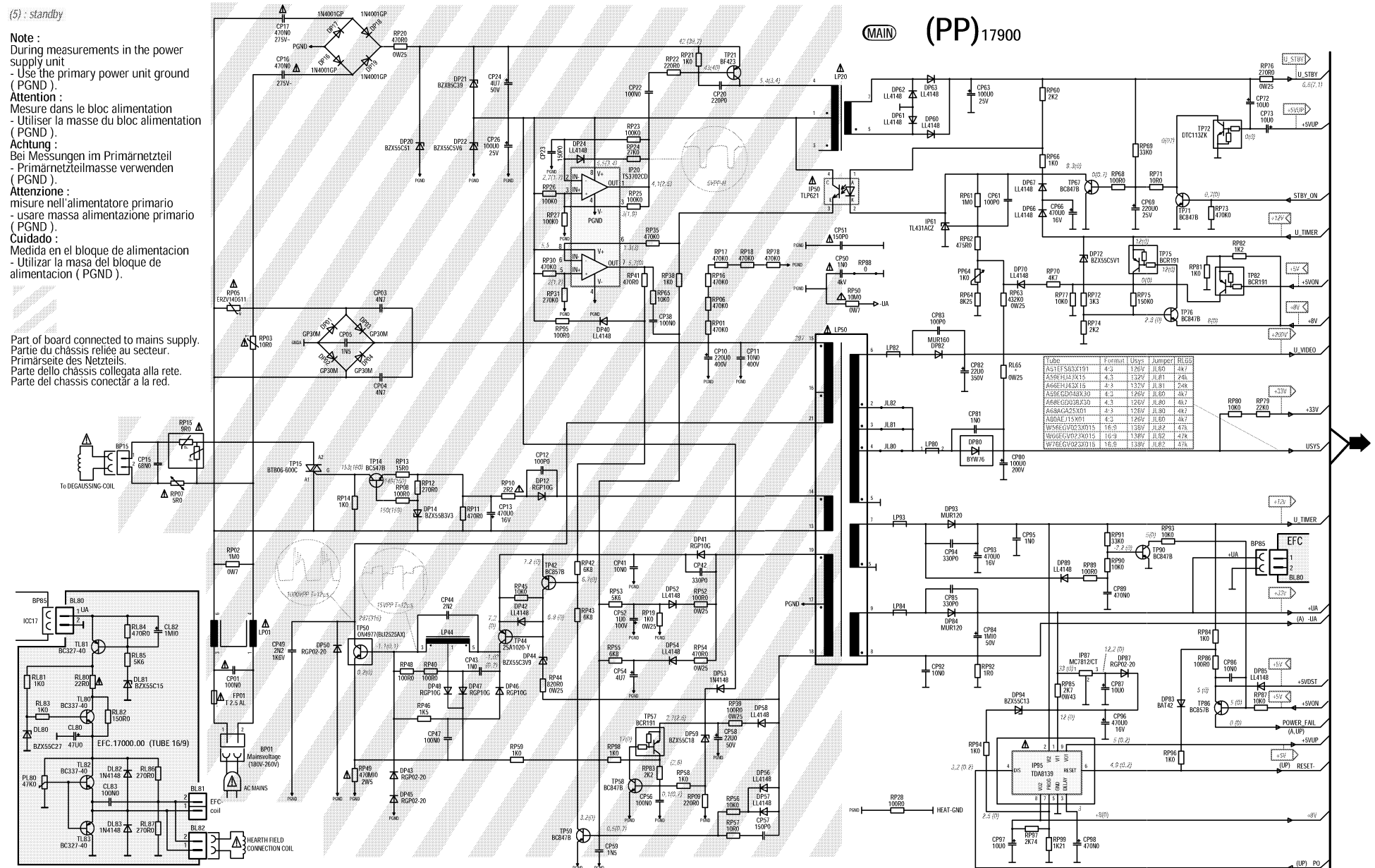
Attention :
Mesure dans le bloc alimentation
- Utiliser la masse du bloc alimentation
(PGND).


Achtung:
Bei Messungen im Primärnetzteil
- Primärnetzteilmasse verwenden
(PGND).

Attenzione :
 misure nell'alimentatore primario
 - usare massa alimentazione primario
 (PGND).


Cuidado :
Medida en el bloque de alimentacion
- Utilizar la masa del bloque de alimentacion (PGND).

Part of board connected to mains supply.
Partie du châssis reliée au secteur.
Primärseite des Netzteils.
Parte dello chassis collegata alla rete.
Parte del chassiss conectar a la red.

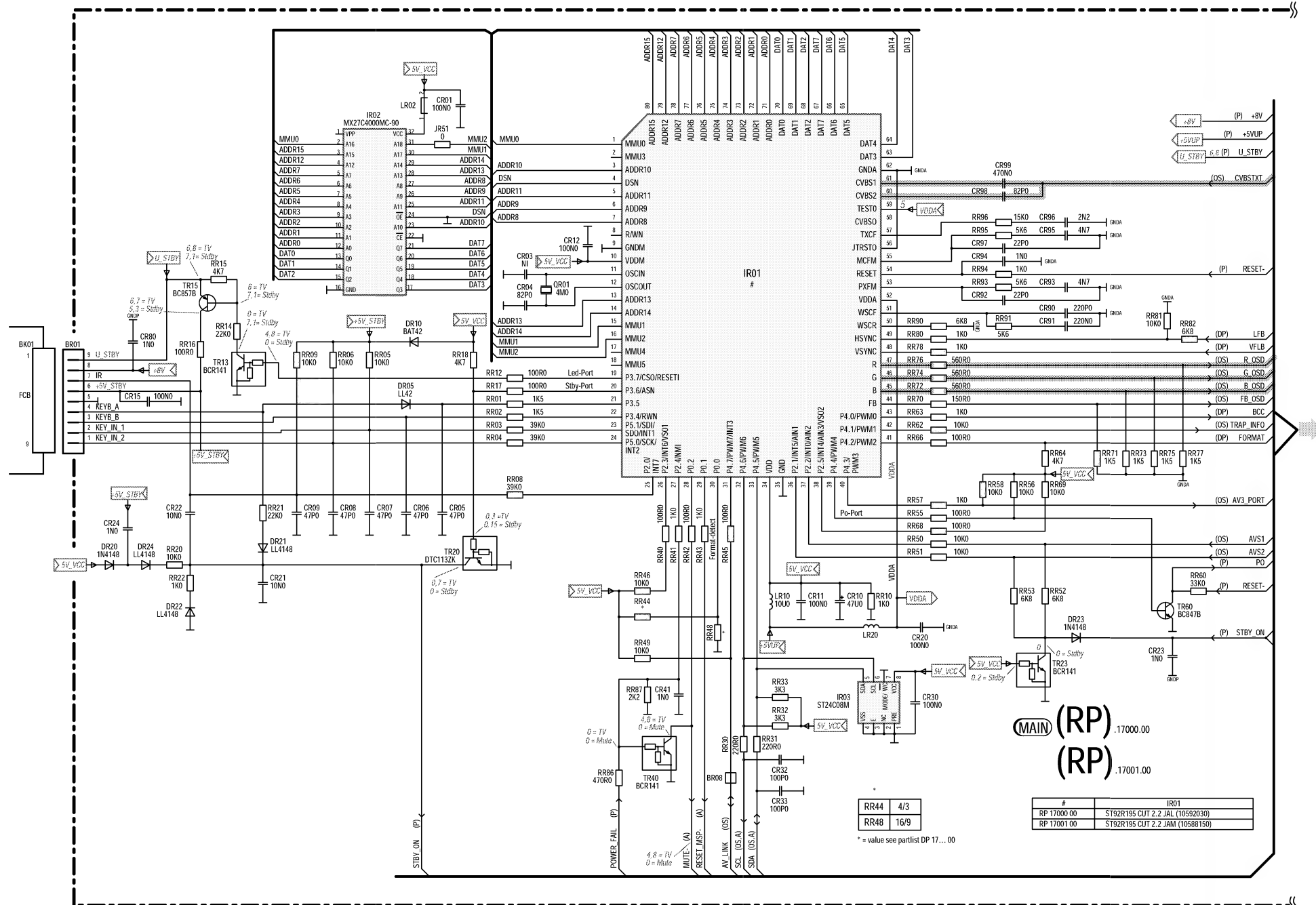


 Use isolating mains transformer - Utiliser un transformateur isolateur du secteur - Einen Trenntrafo verwenden
Utilizar un transformador aislador de red - Utilizzare un trasformatore per isolarvi dalla rete

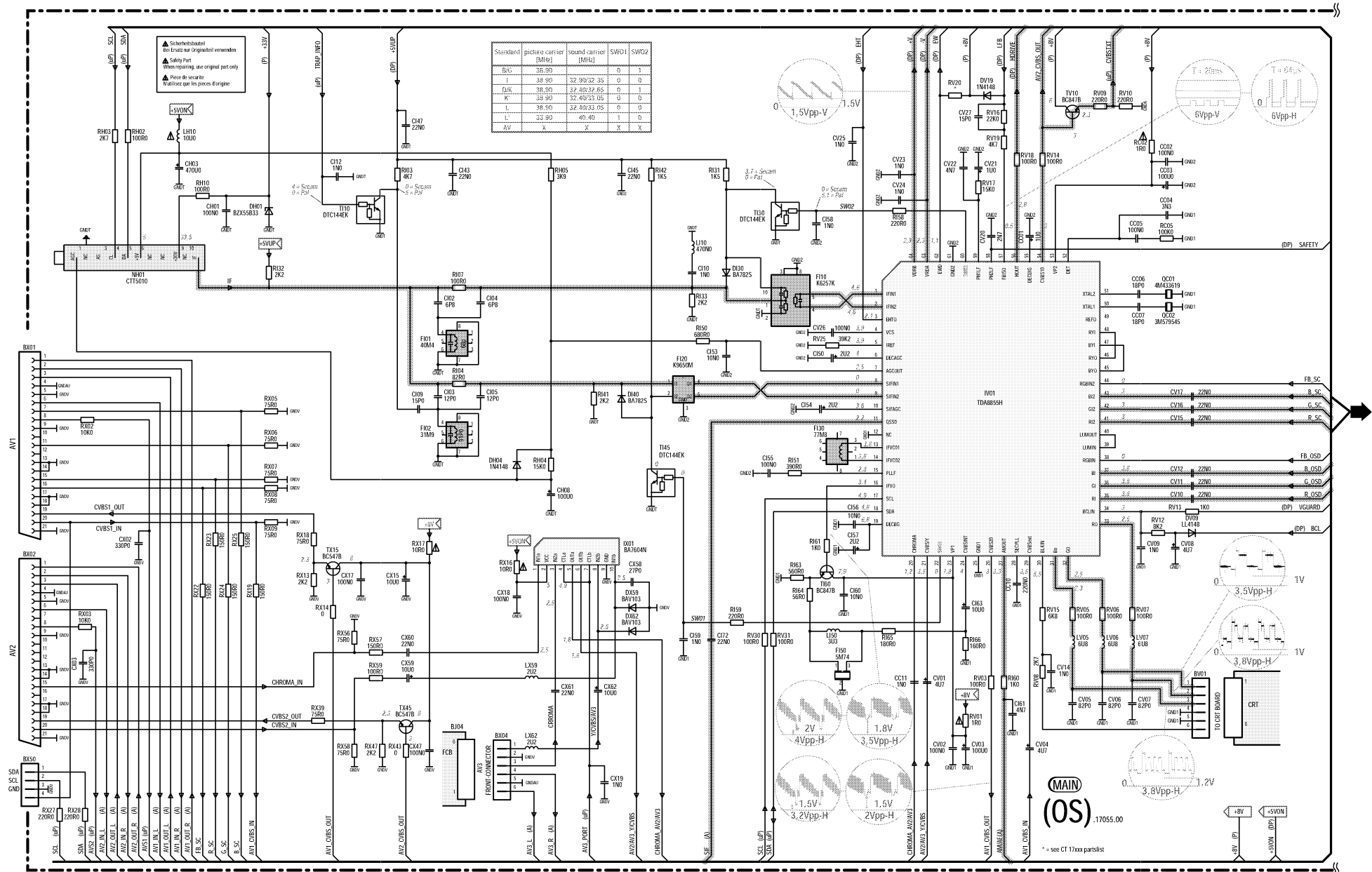


La sustitución de elementos de seguridad (marcados con el símbolo ) por componentes no homologados según la norma CEI 65, provoca la no conformidad del aparato.
En ese caso, el fabricante cesa de ser responsable.

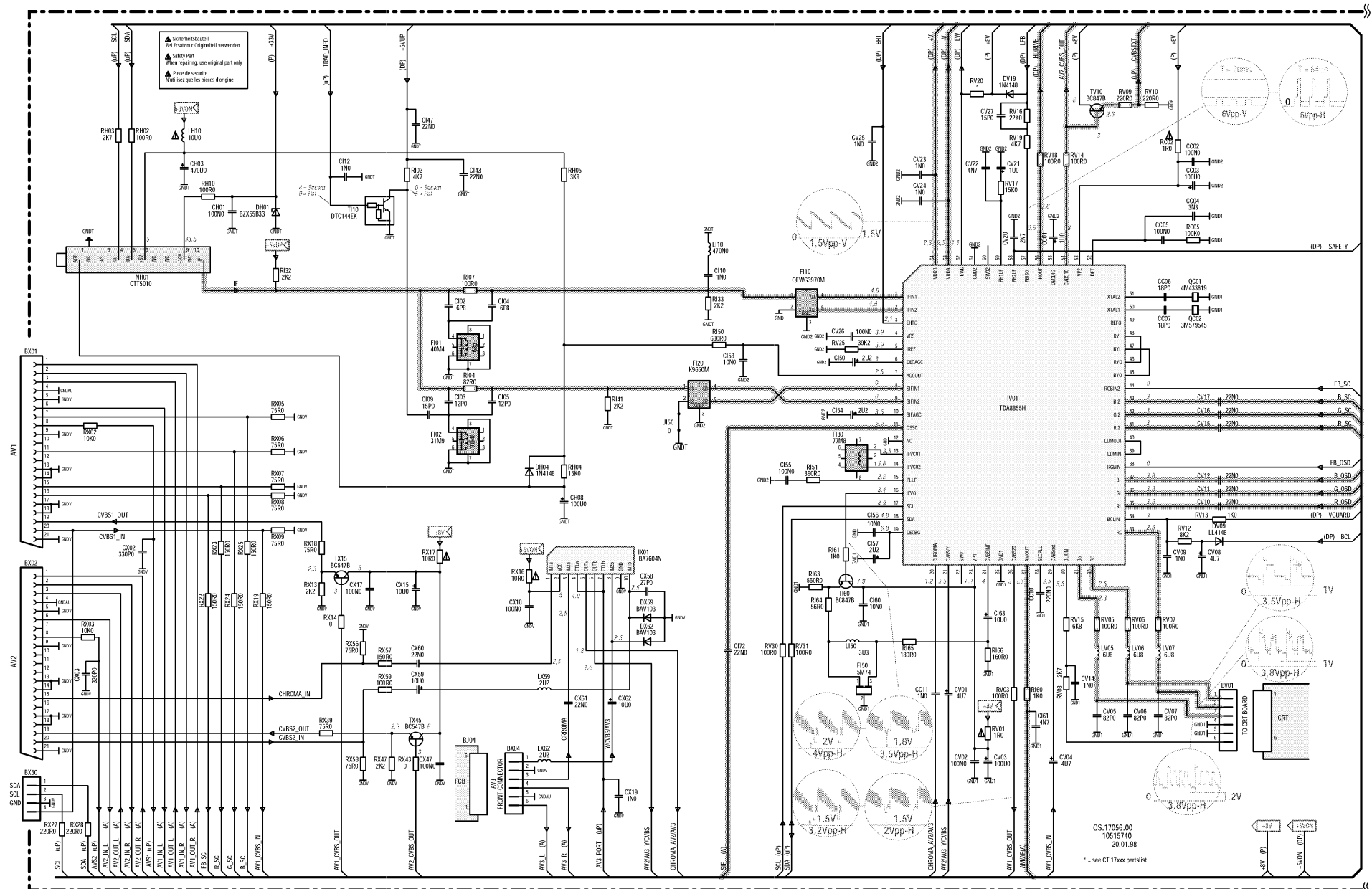
	TV ASY W56GEV023X01S 56 01
	TV ASY W56GEV023X01S 66 00
	TV ASY W56GEV023X01S (A) 00
	Tube 16/9 24", 28", 32", 35" / vectorgun
1051530	TV PSD CT 17083 38
CL21	15N5F +3.5% -3.5% 1K6V
CL22	27N0F +5% -5% 400 0V
CL23	40N0F +5% -5% 250 0V
CL24	10P0F +10% -10% 10.0V 0V
CL48	10N0F +5% 63.0V
CL51	29N0F +5% -5% 250 0V
DL48	D-SLP BAV103 10V
DL71	D-ZENER BX25SC24 24V 500MW
DL60	WIREBARE 22
JL82	0 OHM +0% 100MW
LBO5	FT 320UH +4% -4%
LBO5	TF-DST D529 15314460 10
L105	FT 650UH +4% -4%
L126	LL 30U5H 2519 AD
RF05	1R21 OHM +1% 700MW
RL02	4K99 OHM +1% 100MW
RL03	6K49 OHM +1% 100MW
RL04	6K49 OHM +1% 100MW
RL05	6K49 OHM +1% 100MW
RL06	2K37 OHM +1% 100MW
RL19	13K0 OHM +5% 100MW
RL41	38K0 OHM +5% 100MW
RL48	22K0 OHM +5% 100MW
RL49	18K0 OHM +5% 100MW
RL65	47K0 OHM +5% 250MW
RV20	10K0 OHM +1% 250MW



RF/FI/ SCART INTERFACE/VIDEO SIGNAL PROCESSING -HF/FI INTERFACE PERITELEVISION/TRAITEMENT LUMINANCE CHROMINANCE - HF/ZF/ SCART INTERFACE/VIDEO
SIGNALVERARBEITUNG - RF/FI /PRESA PERITEL/ELABORAZIONE VIDEO - RF/FI /EUROCONECTOR / TRATAMENTO VIDEO



RF/FI/ SCART INTERFACE/VIDEO SIGNAL PROCESSING -HF/FI INTERFACE PERITELEVISION/TRAITEMENT LUMINANCE CHROMINANCE - HF/ZF/ SCART INTERFACE/VIDEO
SIGNALVERARBEITUNG - RF/FI /PRESA PERITEL/ELABORAZIONE VIDEO - RF/FI /EUROCONECTOR/TRATAMENTO VIDEO



Sicherheitsbauteil
Bei Ersatz nur Originalteil verwenden
Safety Part
When repairing, use original part only
Pièce de sécurité
N'utiliser que les pièces d'origine

IS40 = SUB AMVD 19100 D0 => VIRTUAL DOLBY
= SUB AMDP 17001 D0 => DOLBY PROLOGIC
= MSP 3410D-PP => STEREO / NICAM
= MSP 3400C-PP-C5 => STEREO 2X10W

MSP3400C-PP-C6

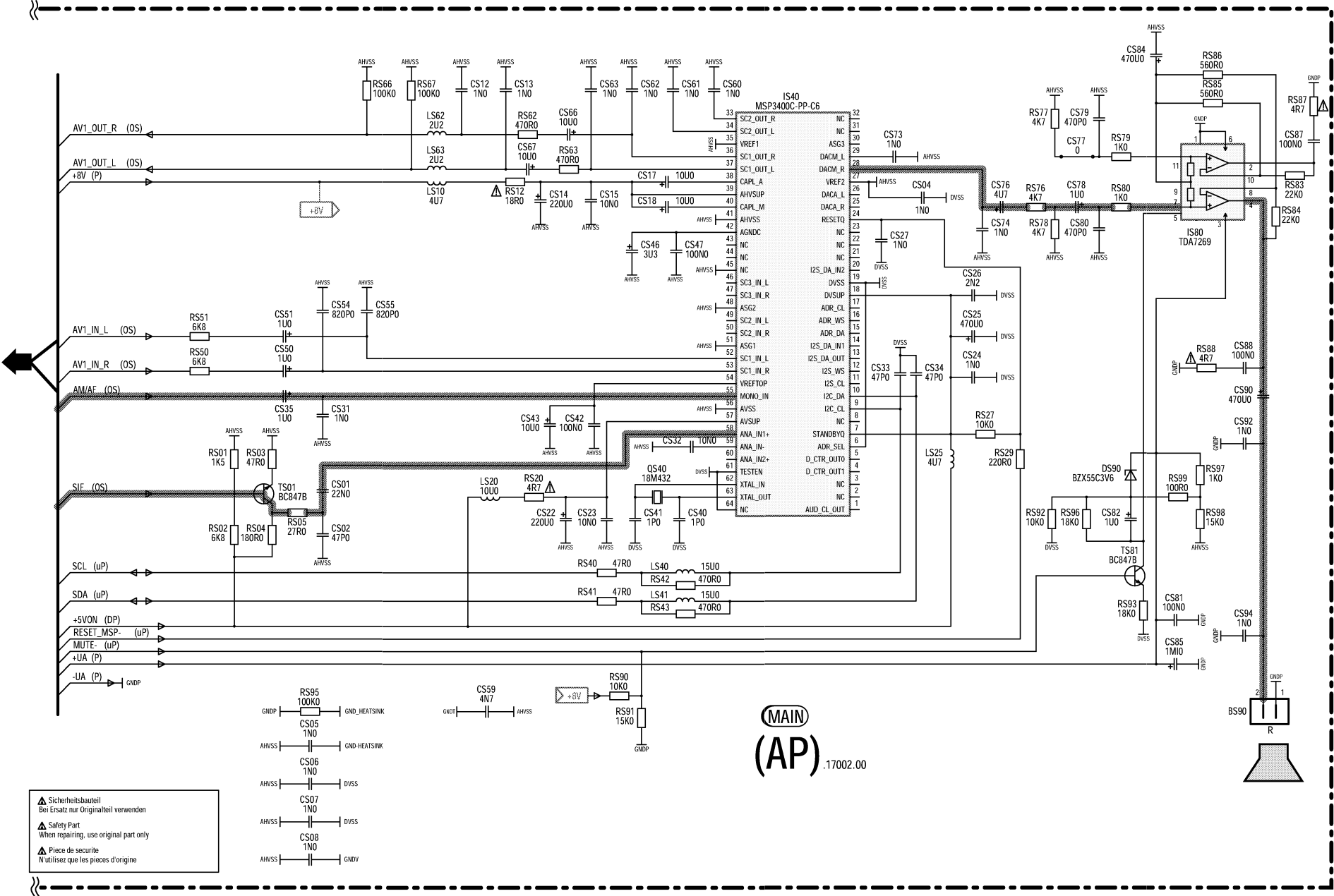
33	SC2_OUT_R	NC	32	SC2_OUT_L	NC
34	SC2_OUT_L	NC	31	SC2_OUT_R	NC
35	VREF1	ASG3	30	DAQM_L	DVSS
36	SC1_OUT_R	NC	29	DAQM_L	DVSS
37	SC1_OUT_L	NC	28	DAQM_L	DVSS
38	CAPL_A	NC	27	DAQM_L	DVSS
39	AHVUP	NC	26	VREF2	NC
40	CAPL_M	NC	25	DACA_L	NC
41	AHVSS	NC	24	DACA_R	NC
42	RESET	NC	23	RESETO	NC
43	AGNDC	NC	22	NC	NC
44	NC	NC	21	NC	NC
45	NC	NC	20	NC	NC
46	NC	NC	19	NC	NC
47	SC3_IN_L	DVSS	18	SC3_IN_R	DVSS
48	ASG2	NC	17	ADR_CL	DVSS
49	SC2_IN_L	NC	16	ADR_WS	DVSS
50	SC2_IN_R	NC	15	ADR_DA	DVSS
51	ASG1	NC	14	IS2_DA_IN1	DVSS
52	SC1_IN_L	NC	13	IS2_DA_OUT	DVSS
53	SC1_IN_R	NC	12	IS2_WS	DVSS
54	VREFTOP	NC	11	IS2_CL	DVSS
55	MONO_IN	NC	10	IS2_CL	DVSS
56	AVSS	NC	9	IS2_CL	DVSS
57	AVSUP	NC	8	IS2_CL	DVSS
58	ANA_IN1+	NC	7	IS2_CL	DVSS
59	ANA_IN2+	NC	6	IS2_CL	DVSS
60	TESTEN	NC	5	IS2_CL	DVSS
61	XTAL_IN	NC	4	IS2_CL	DVSS
62	XTAL_OUT	NC	3	IS2_CL	DVSS
63	NC	NC	2	IS2_CL	DVSS
64	AUD_CL_OUT	NC	1	IS2_CL	DVSS

COMPONENTS

RS64 100K0 RS65 100K0 RS66 100K0 RS67 100K0 LS60 2U2 LS61 2U2 LS62 2U2 LS63 2U2 CS64 10U0 CS65 10U0 CS66 10U0 CS67 10U0 CS68 10U0 CS69 10U0 CS70 10U0 CS71 10U0 CS72 10U0 CS73 10U0 CS74 10U0 CS75 10U0 CS76 10U0 CS77 10U0 CS78 10U0 CS79 10U0 CS80 10U0 CS81 10U0 CS82 10U0 CS83 10U0 CS84 10U0 CS85 10U0 CS86 10U0 CS87 10U0 CS88 10U0 CS89 10U0 CS90 10U0 CS91 10U0 CS92 10U0 CS93 10U0 CS94 10U0 CS95 10U0 CS96 10U0 CS97 10U0 CS98 10U0 CS99 10U0 CS100 10U0

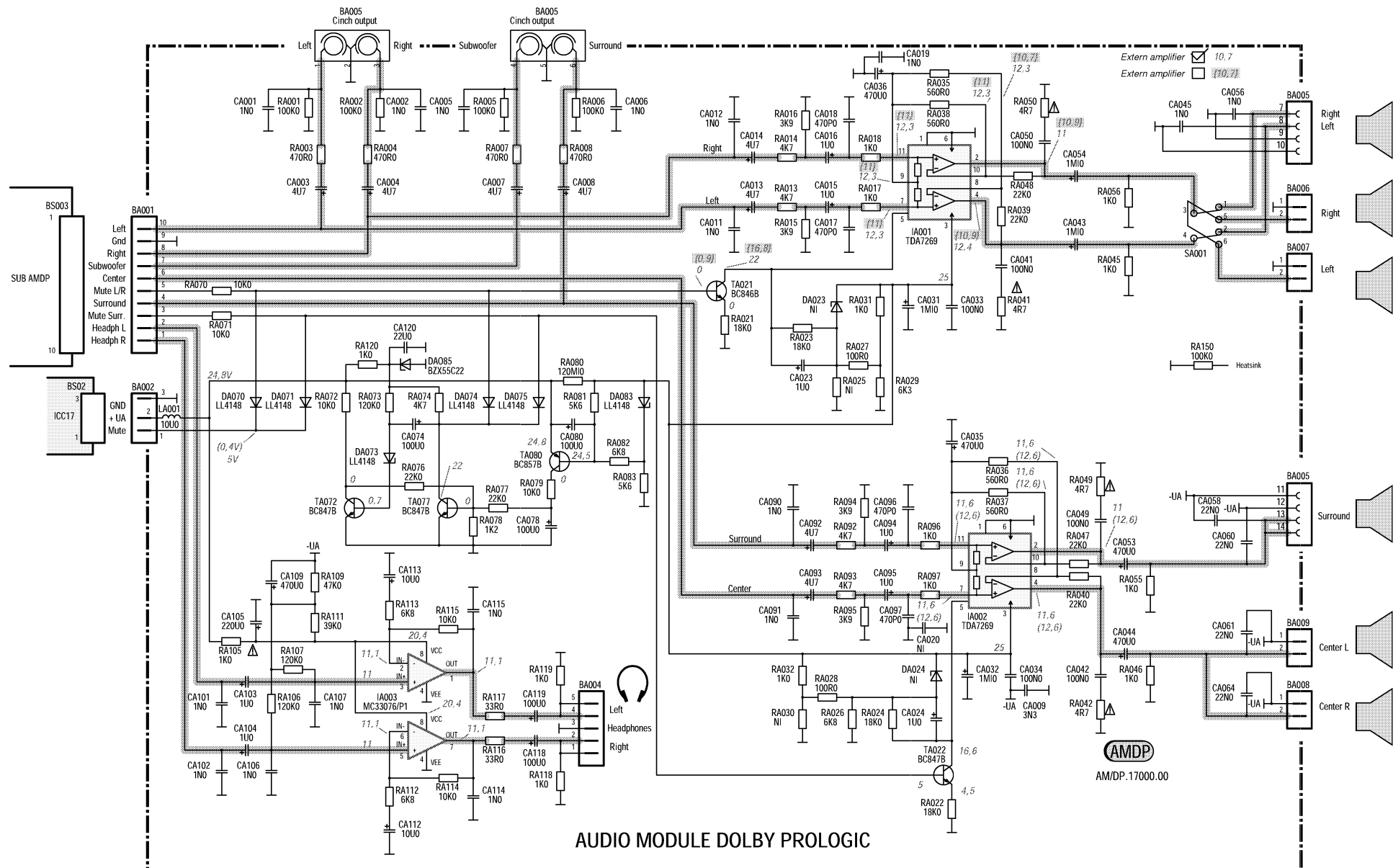
MAIN (AP)
17000.00
(FM-Stereo)

AMPLIFIER SCHEMATIC DIAGRAM - SCHEMA DE L'AMPLIFICATEUR - SCHALTBILD AUDIO-SIGNALVERARBEITUNG - SCHEMA DELL' AMPLIFICATORE - ESQUEMA DEL AMPLIFICADOR (MONO)

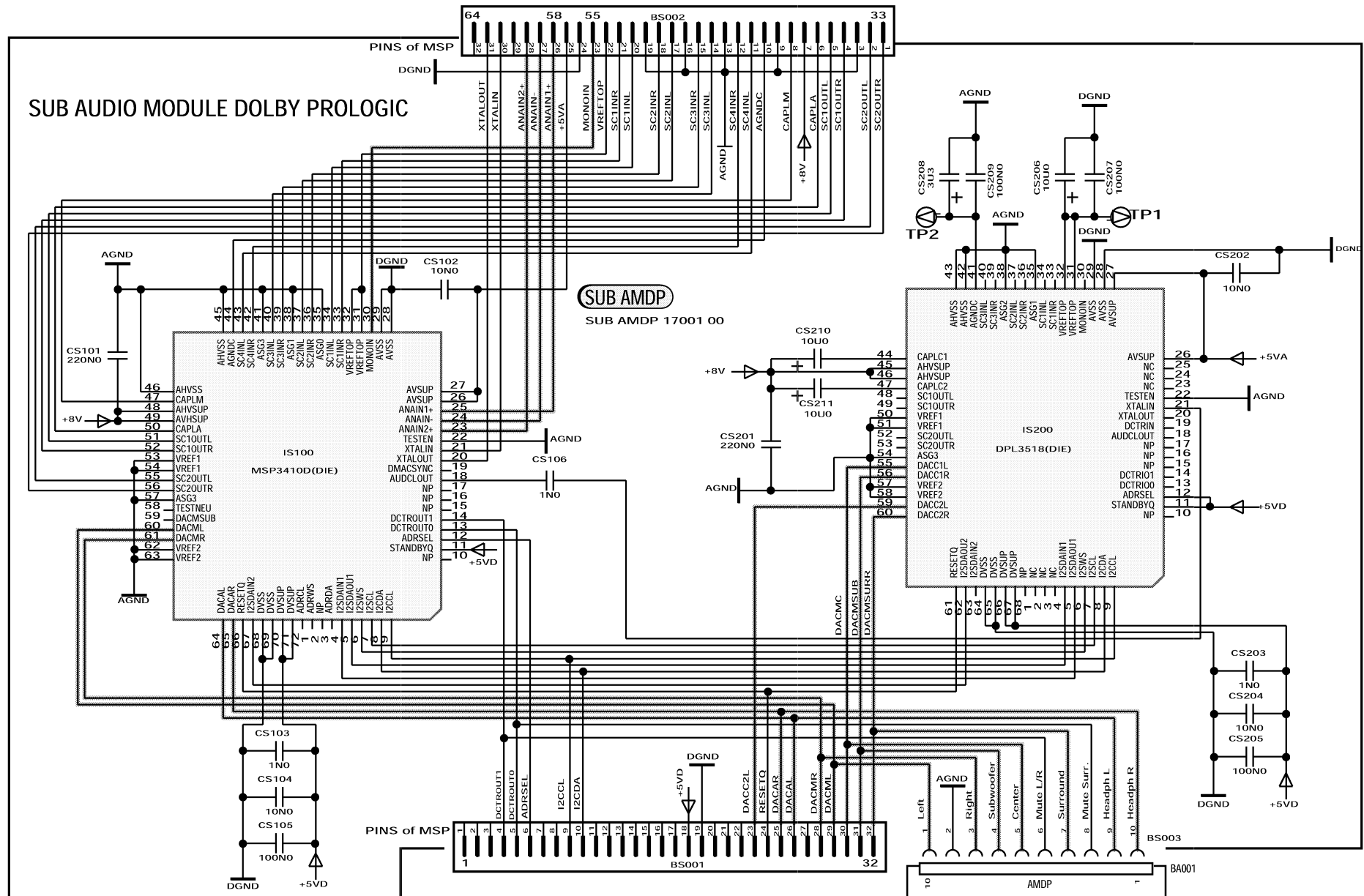


AUDIO SIGNAL MODULE DOLBY PROLOGIC - MODULE AUDIO DOLBY PROLOGIC - DOLBY PROLOGIC VERSTÄRKER - MODULO AUDIO DOLBY PROLOGIC

ESQUEMA DEL MÓDULO AMPLIFICADOR DE AUDIO

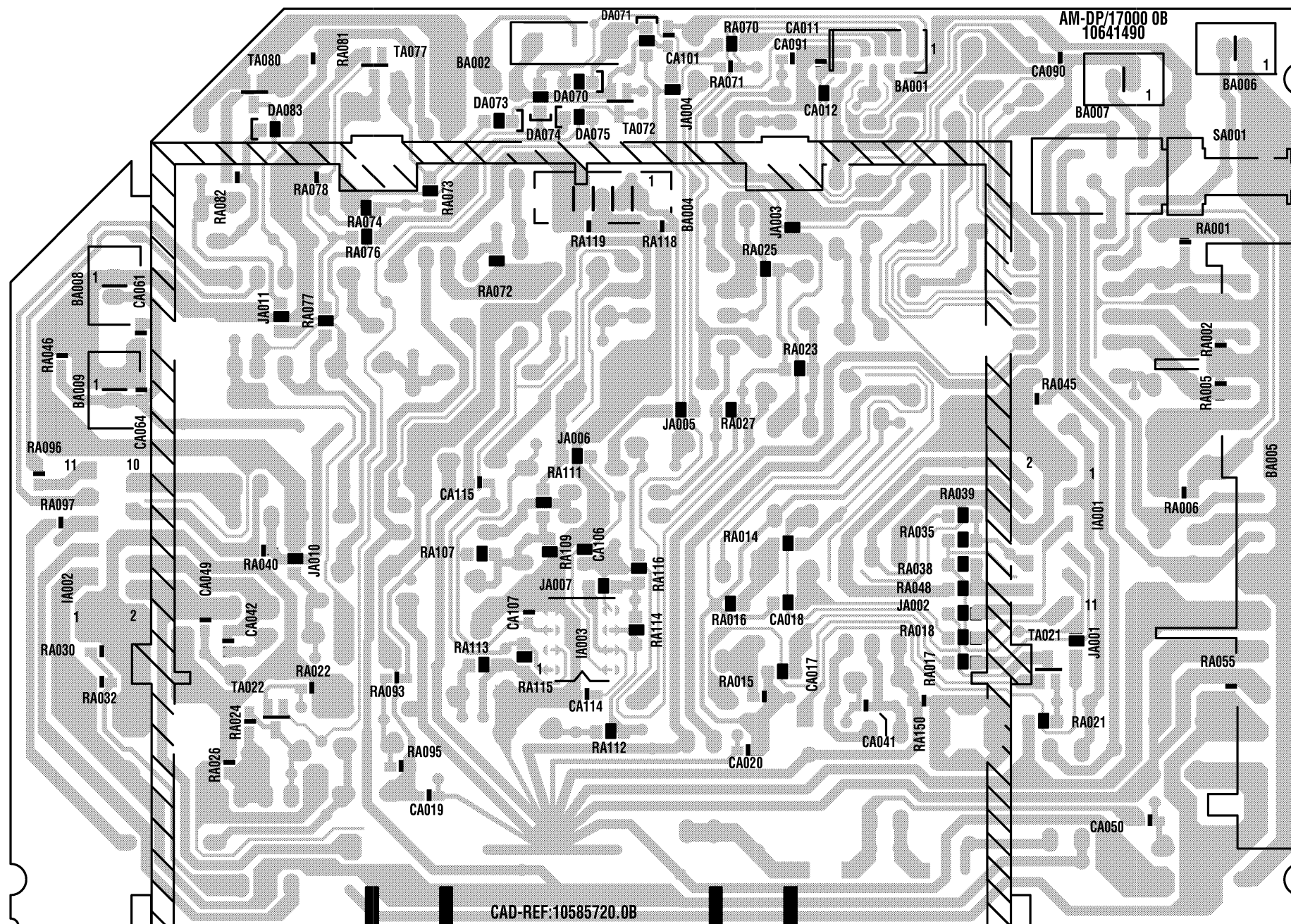


SUB AUDIO SIGNAL MODULE - SUB MODULE AUDIO - AUDIO SIGNAL SUBMODUL - SUB MODULO AUDIO



AUDIO SIGNAL MODULE DOLBY PROLOGIC - MODULE AUDIO DOLBY PROLOGIC - DOLBY PROLOGIC VERSTÄRKER - MODULO AUDIO DOLBY PROLOGIC - ESQUEMA DEL MÓDULO AMPLIFICADOR DE AUDIO

SOLDER SIDE - CÔTE SOUDURES - LÖTSEITE - LATO SALDATURE - LADO SOLDADURAS



POWER SUPPLY - ALIMENTATION - NETZTEIL - ALIMENTAZIONE - ALIMENTACIÓN

(5) : standby

Note :
During measurements in the power supply unit
- Use the primary power unit ground (PGND).

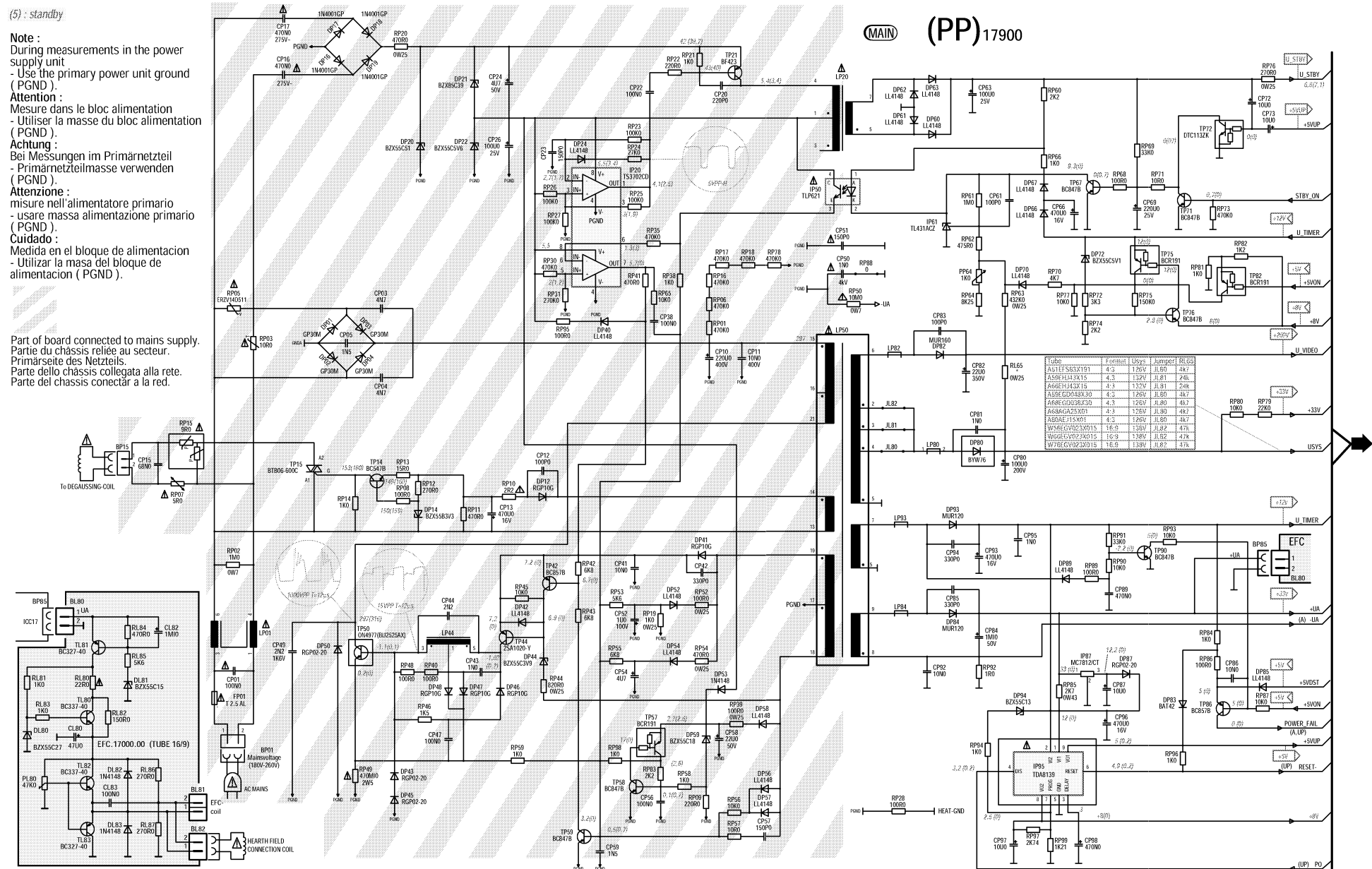
Attention :
Mesure dans le bloc alimentation
- Utiliser la masse du bloc alimentation (PGND).

Achtung :
Bei Messungen im Primärnetzteil
- Primärnetzteilmasse verwenden (PGND).

Attenzione :
misura nell'alimentatore primario
- usare massa alimentazione primario (PGND).


Cuidado :
Medida en el bloque de alimentación
- Utilizar la masa del bloque de alimentación (PGND).

Part of board connected to mains supply.
Partie du châssis reliée au secteur.
Primärseite des Netzteils.
Parte dello chassis collegata alla rete.
Parte del chassis conectará a la red.

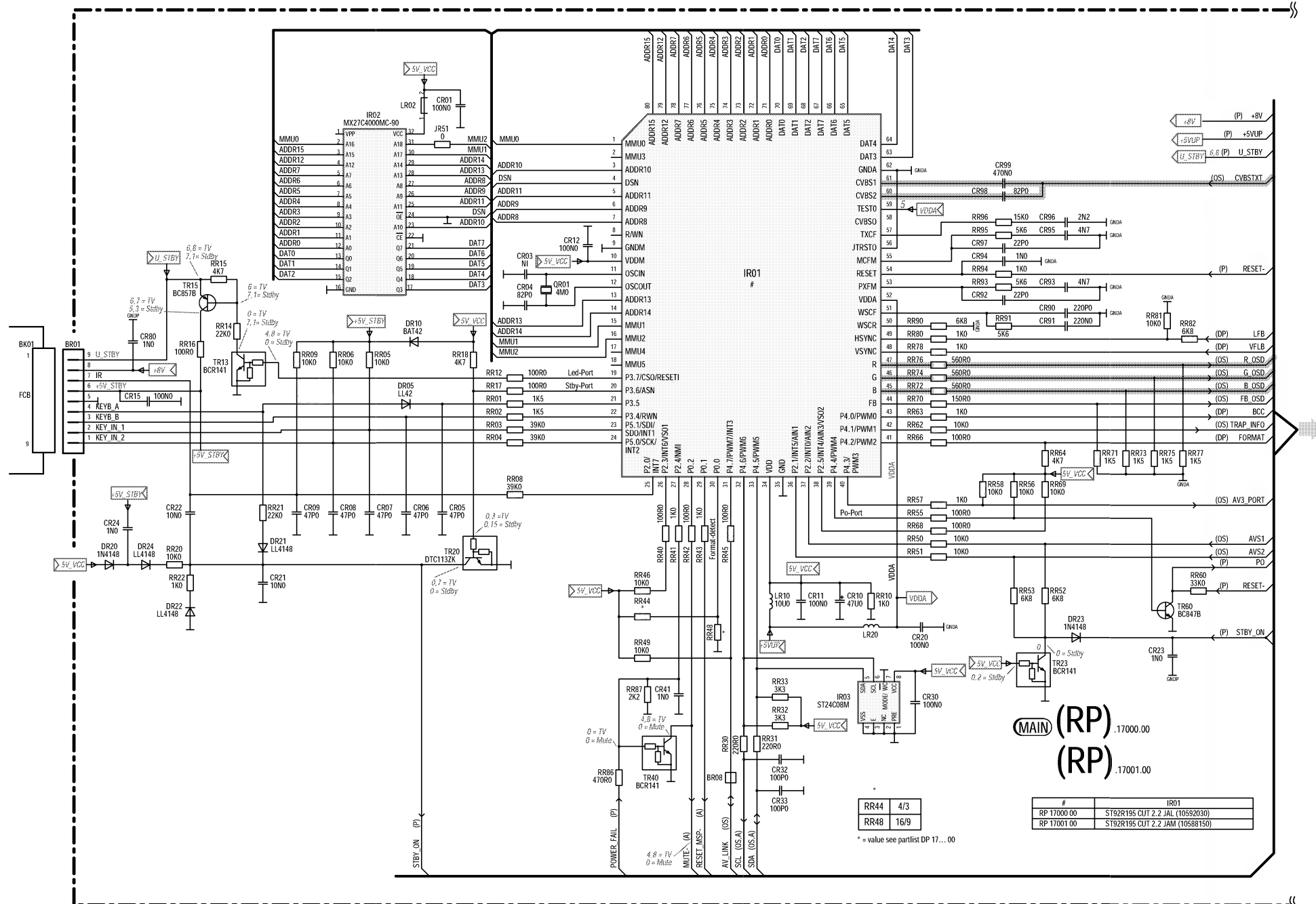


⚠ Use isolating mains transformer - Utiliser un transformateur isolateur du secteur - Einen Trenntrafo verwenden
Utilizar un transformador aislador de red - Utilizzare un trasformatore per isolarvi dalla rete

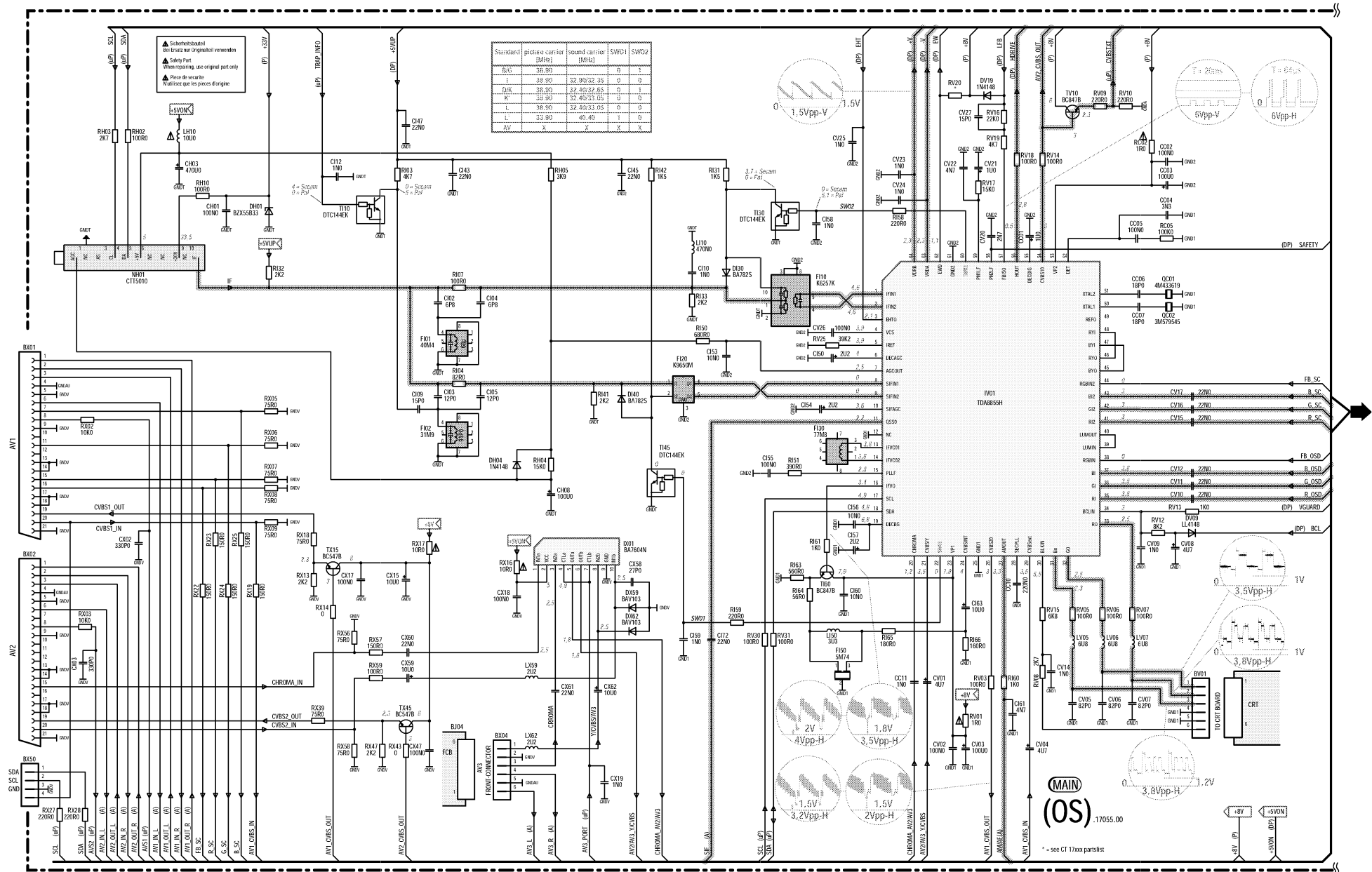


La sustitución de elementos de seguridad (marcados con el símbolo ) por componentes no homologados según la norma CEI 65, provoca la no conformidad del aparato.
En ese caso, el fabricante cesa de ser responsable.

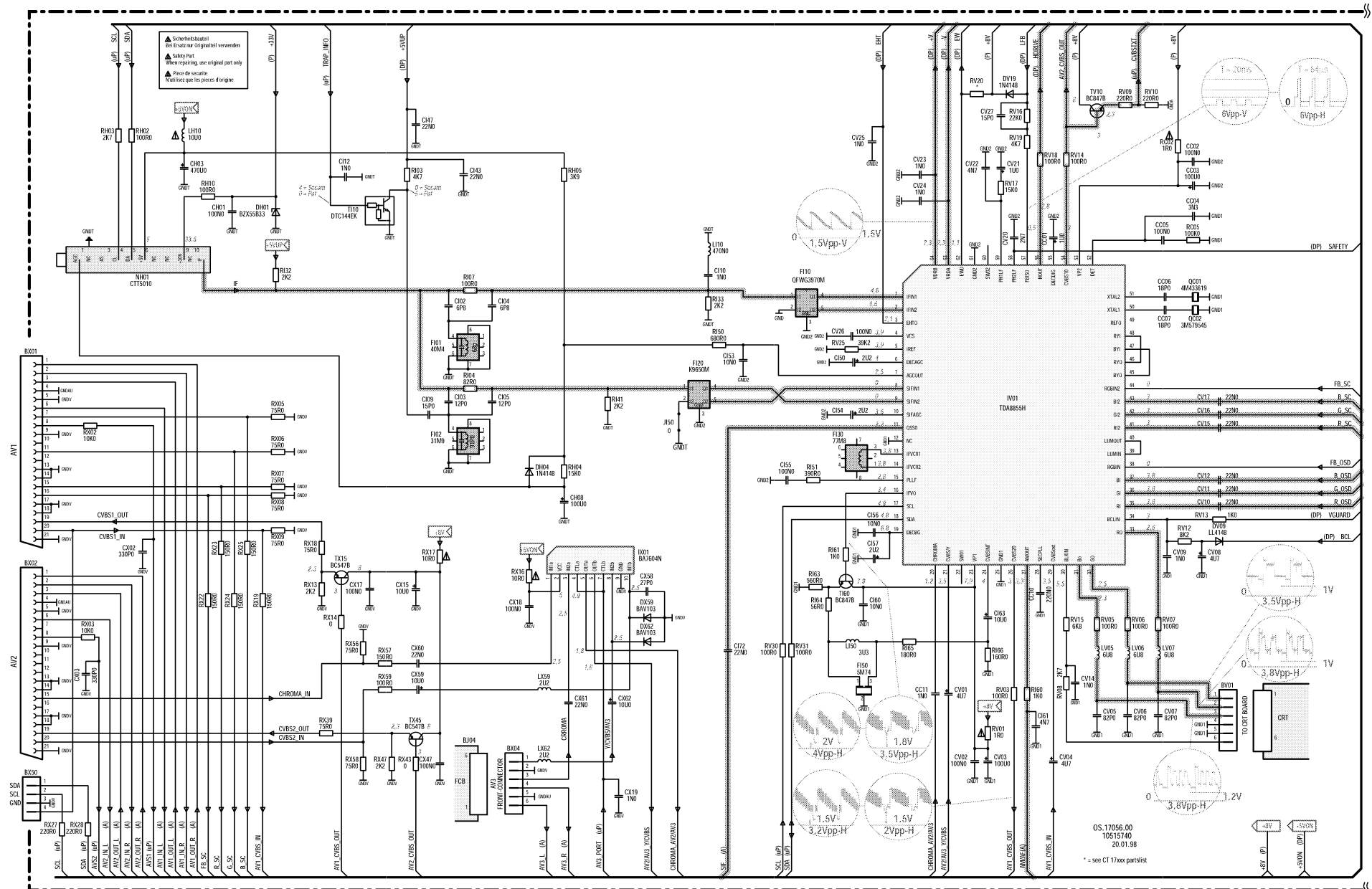
	TV ASY W56EGCV023X015 56 01
	TV ASY W66EGCV023X015 66 00
	TV ASY W76EGCV023X015 (A) 00
	Tube 16/9 24", 28", 32", 36" / vectorium
10:55:30	TV PSD C1 17083 38
CL21	15N5F +3.5% -3.5% 1K6V
CL22	27N9F +5% -5% 400V.0
CL24	44N0F +5% -5% 250V.0
CL41	100P0F +10% -10% 50.0V
CL48	100N0F +8% 63.3V
C151	29N0F +5% -5% 250V.0
DL48	D-SLP BAV103 200.2V
DL71	D-ZENER BZX55C24 24V 500mW
YL60	WIREBARE 22
YL82	0 OHM +0% 100mW
LB02	LF 320UH +4% -4%
LL05	TF-DST 10529 15 1341460 10
LL22	LF 650UH +5% -5%
LI1	LI 305UH 2510 40
R005	1R21 OHM +1% 100mW
RLO2	4K99 OHM +1% 100mW
RLO3	6K49 OHM +1% 100mW
RLO4	6K49 OHM +1% 100mW
RLO5	6K49 OHM +1% 100mW
RLO6	2K37 OHM +1% 100mW
RL19	13K0 OHM +5% 100mW
RL45	390K OHM +5% 100mW
RL49	22K0 OHM +5% 100mW
RL49	180K OHM +5% 100mW
RL65	47K0 OHM +5% 250mW
RV20	100K0 OHM -1% 250mW



RF/FI/ SCART INTERFACE/VIDEO SIGNAL PROCESSING -HF/FI INTERFACE PERITELEVISION/TRAITEMENT LUMINANCE CHROMINANCE - HF/ZF/ SCART INTERFACE/VIDEO
SIGNALVERARBEITUNG - RF/FI /PRESA PERITEL/ELABORAZIONE VIDEO - RF/FI /EUROCONECTOR / TRATAMENTO VIDEO



RF/FI/ SCART INTERFACE/VIDEO SIGNAL PROCESSING -HF/FI INTERFACE PERITELEVISION/TRAITEMENT LUMINANCE CHROMINANCE - HF/ZF/ SCART INTERFACE/VIDEO SIGNALVERARBEITUNG - RF/FI /PRESA PERITEL/ELABORAZIONE VIDEO - RF/FI /EUROCONECTOR/TRATAMENTO VIDEO

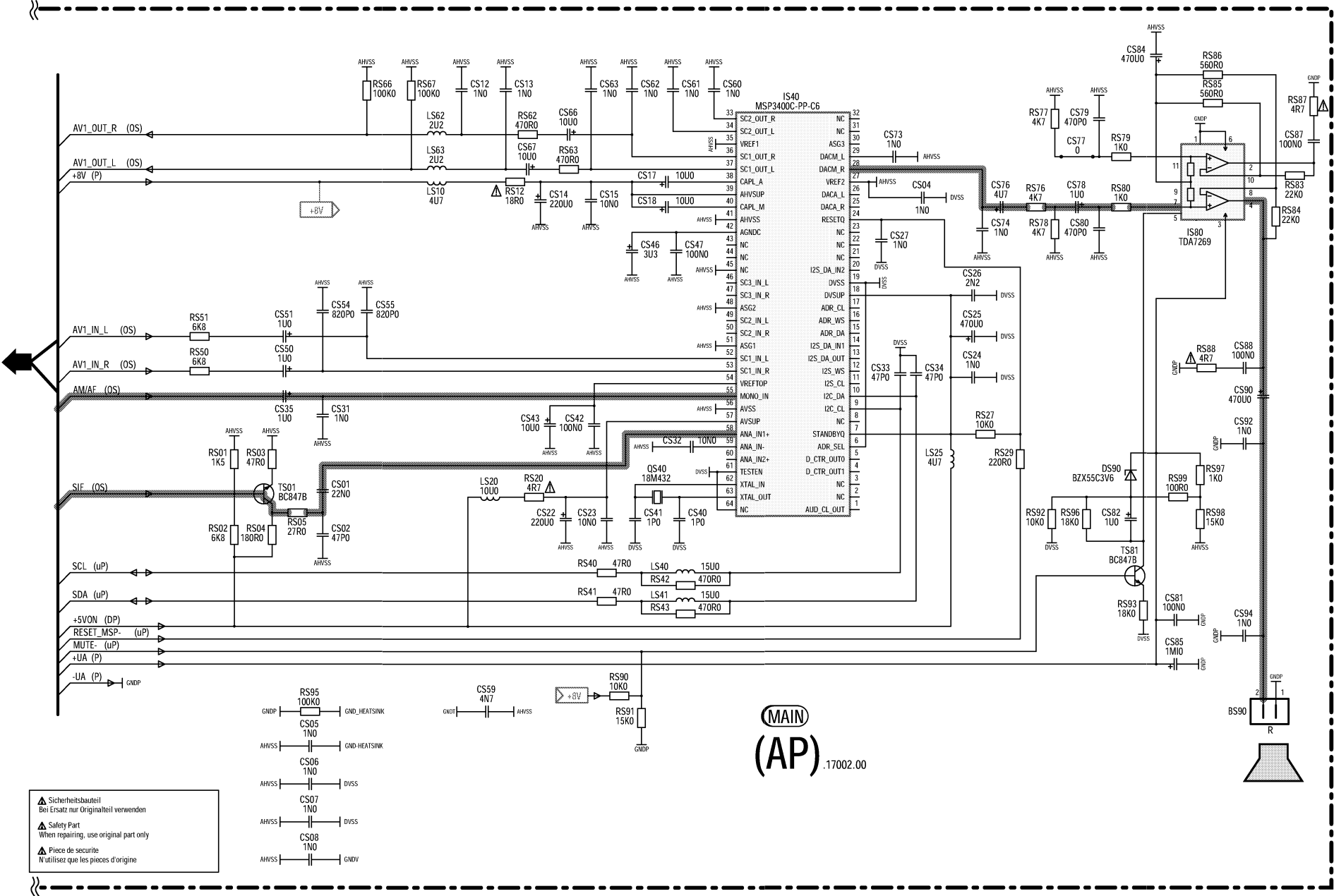


Sicherheitsbauteil
Bei Ersatz nur Originalteil verwenden
Safety Part
When repairing, use original part only
Pièce de sécurité
N'utiliser que les pièces d'origine

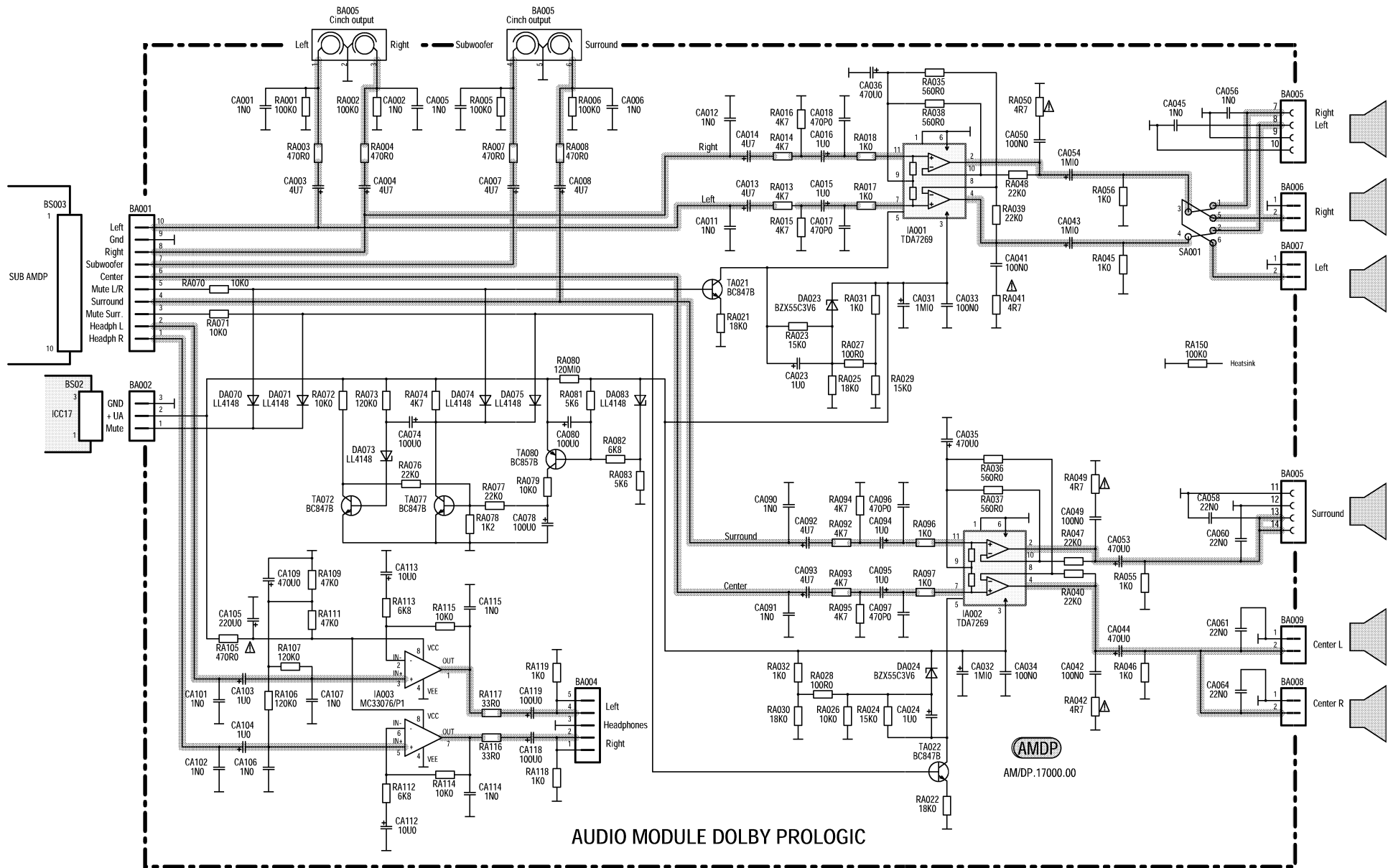
IS40 = SUB AMVD 19100 D0 => VIRTUAL DOLBY
= SUB AMVD 17001 D0 => DOLBY PROLOGIC
= MSP 3410D-PP => STEREO / NICAM
= MSP 3400C-PP-C5 => STEREO 2X10W

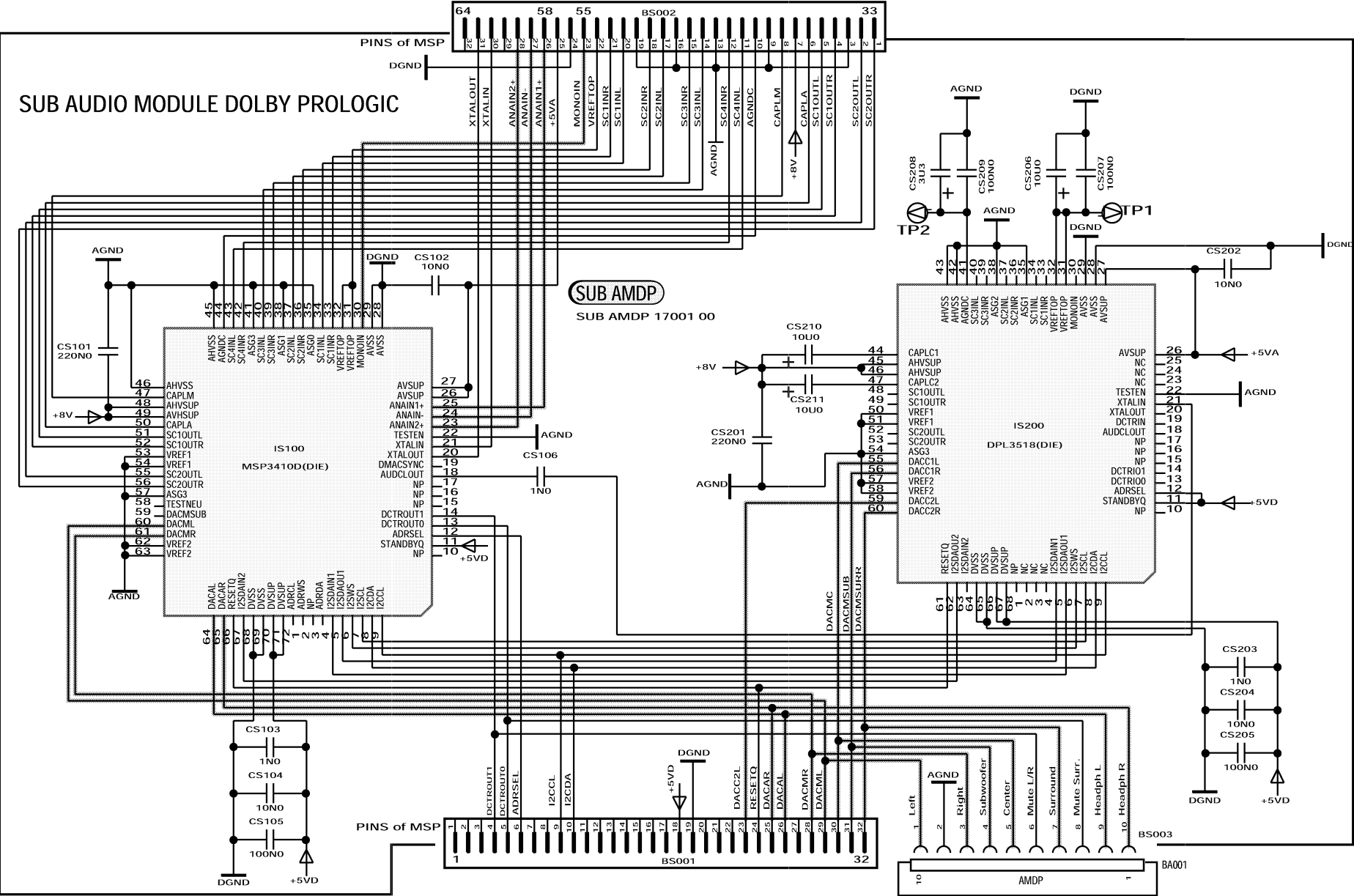
MAIN (AP)
17000.00
(FM-Stereo)

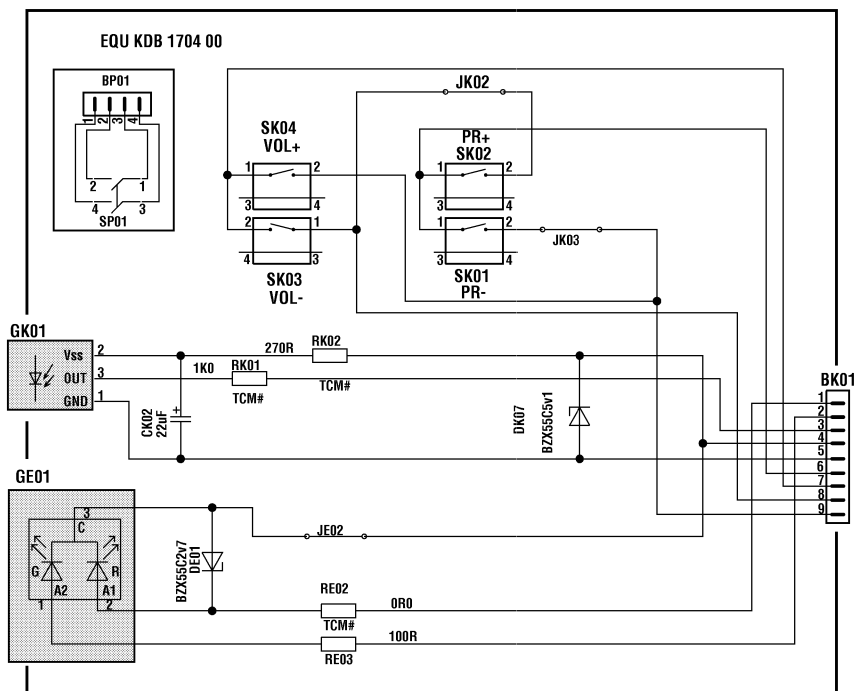
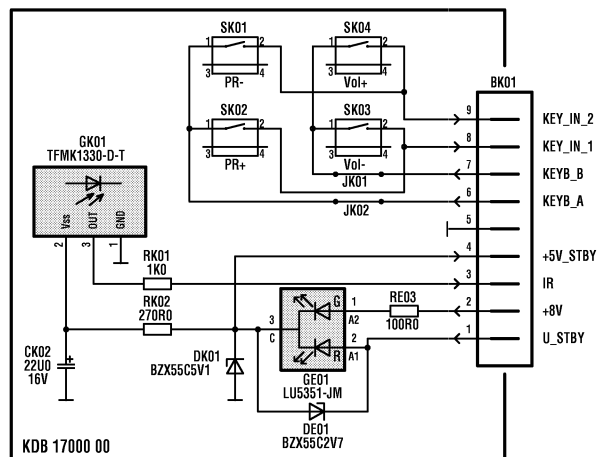
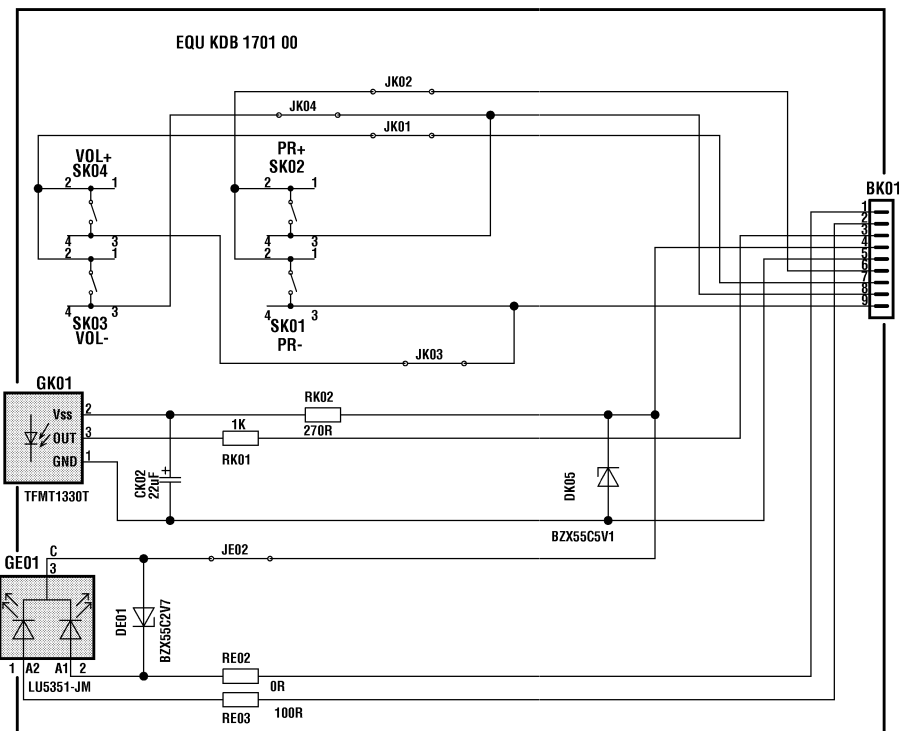
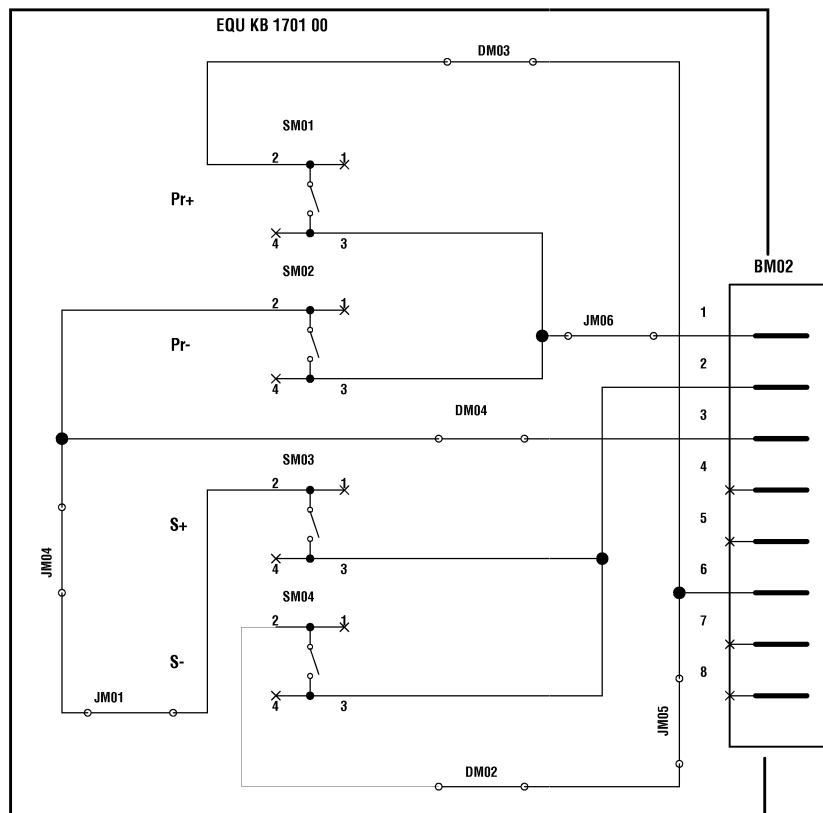
AMPLIFIER SCHEMATIC DIAGRAM - SCHEMA DE L'AMPLIFICATEUR - SCHALTBILD AUDIO-SIGNALVERARBEITUNG - SCHEMA DELL' AMPLIFICATORE - ESQUEMA DEL AMPLIFICADOR (MONO)

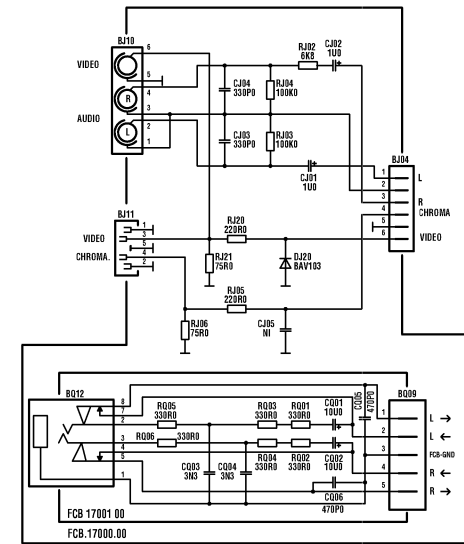
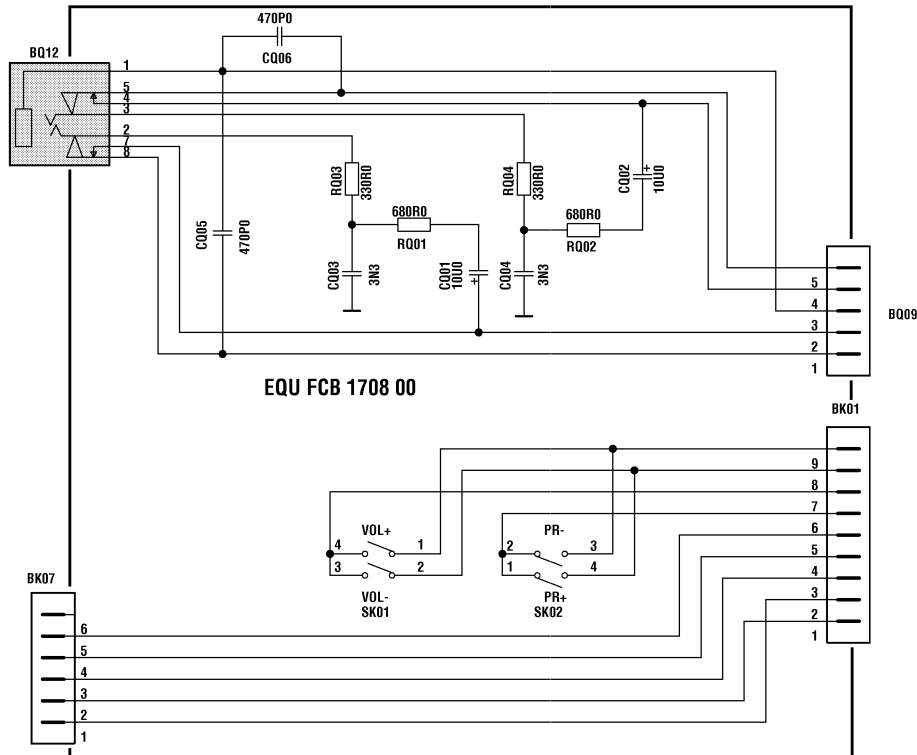
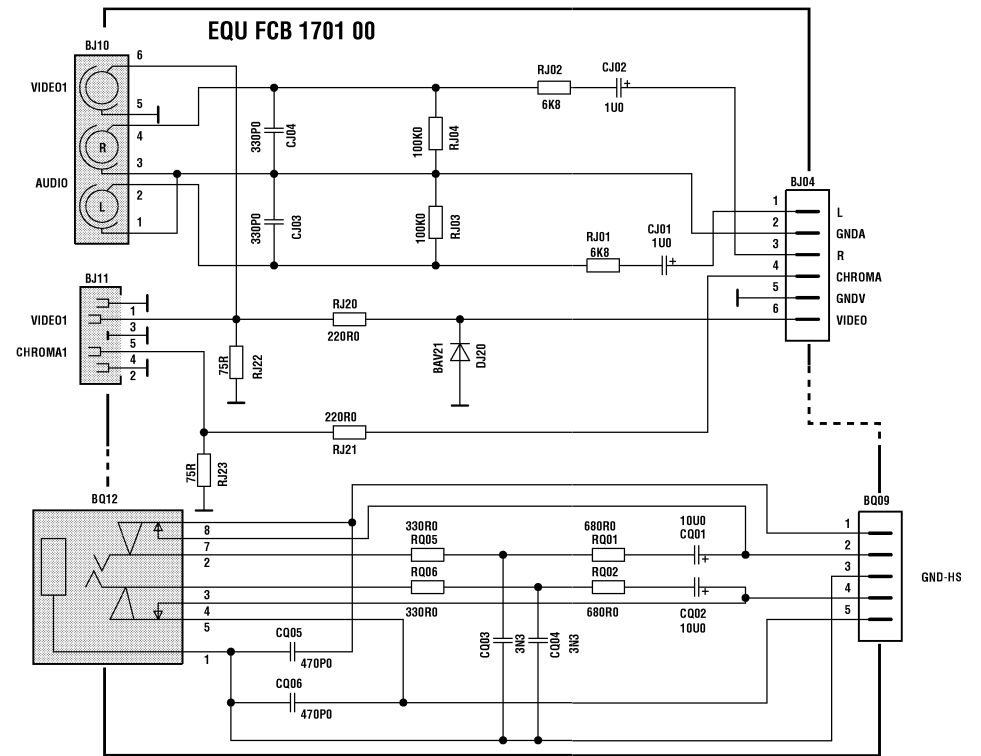
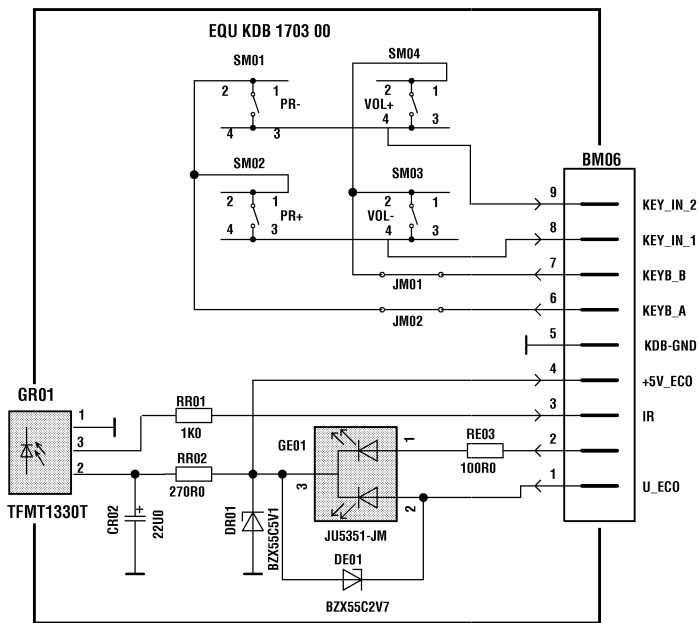


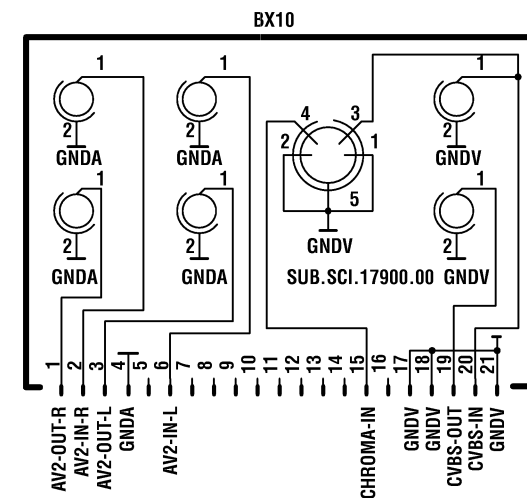
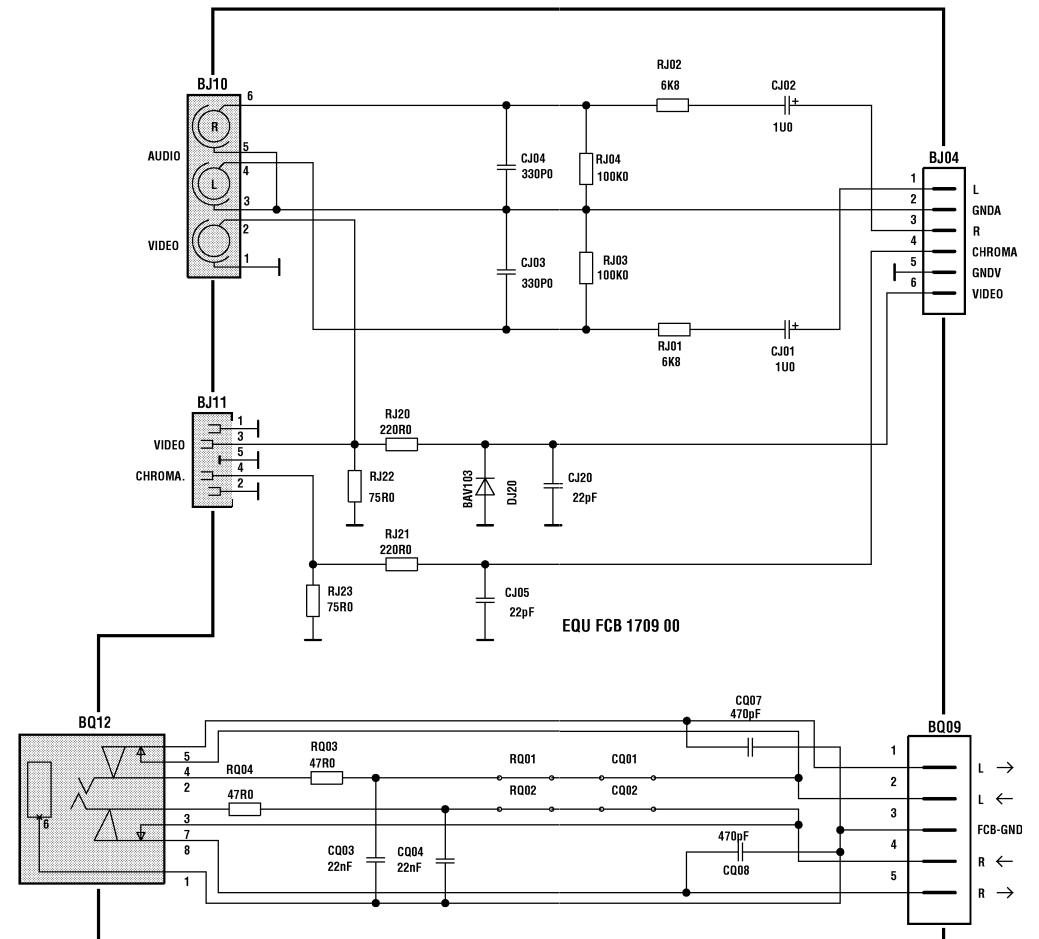
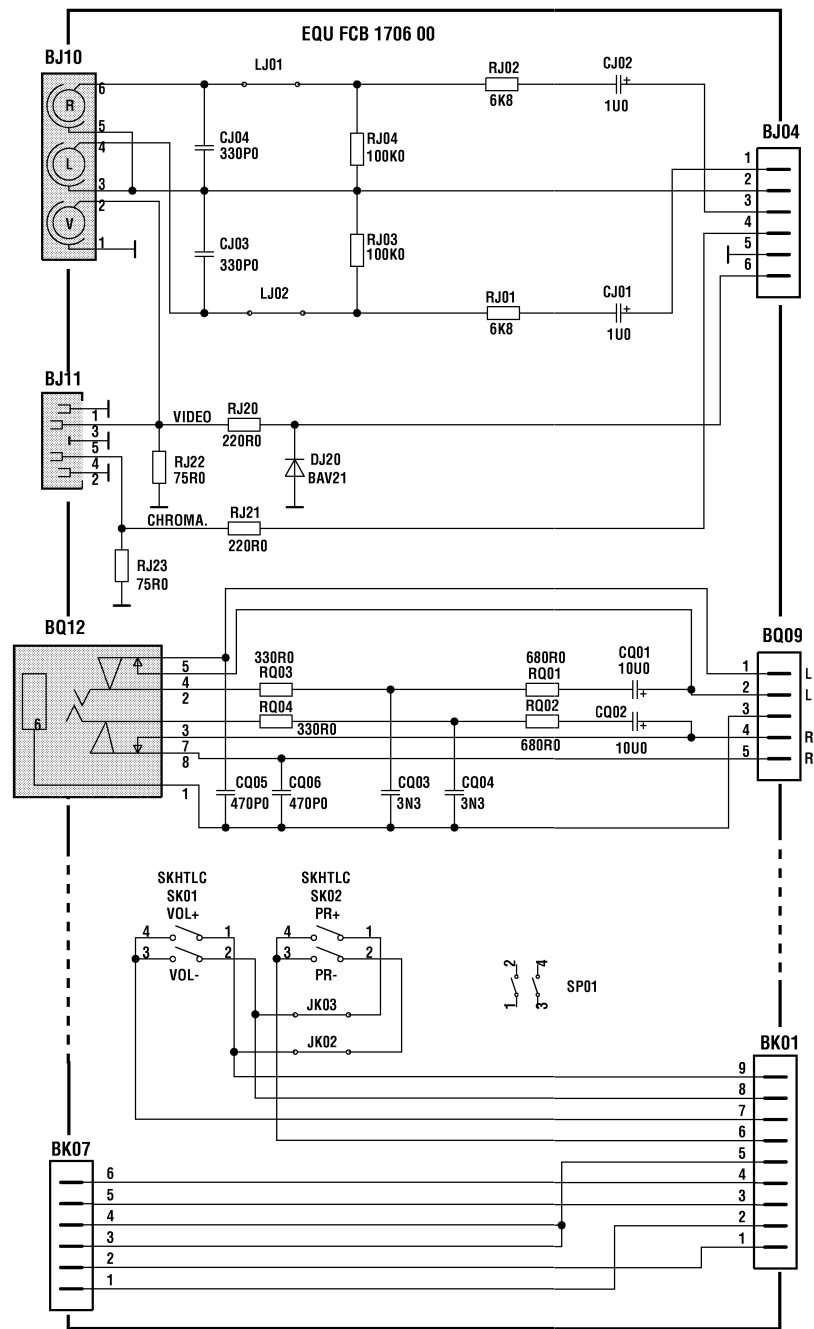
AUDIO SIGNAL MODULE DOLBY PROLOGIC - MODULE AUDIO DOLBY PROLOGIC - DOLBY PROLOGIC VERSTÄRKER - MODULO AUDIO DOLBY PROLOGIC
ESQUEMA DEL MÓDULO AMPLIFICADOR DE AUDIO

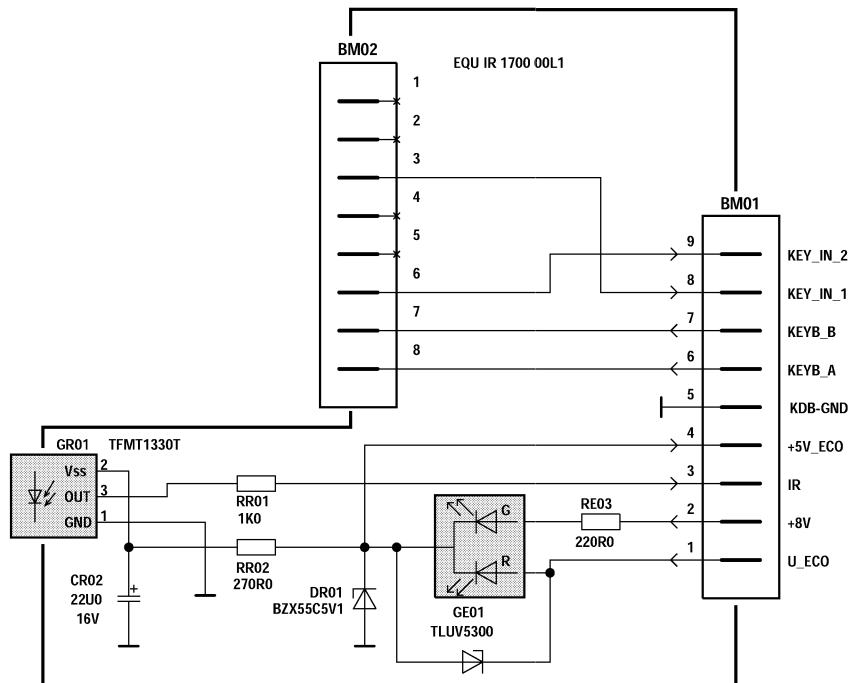
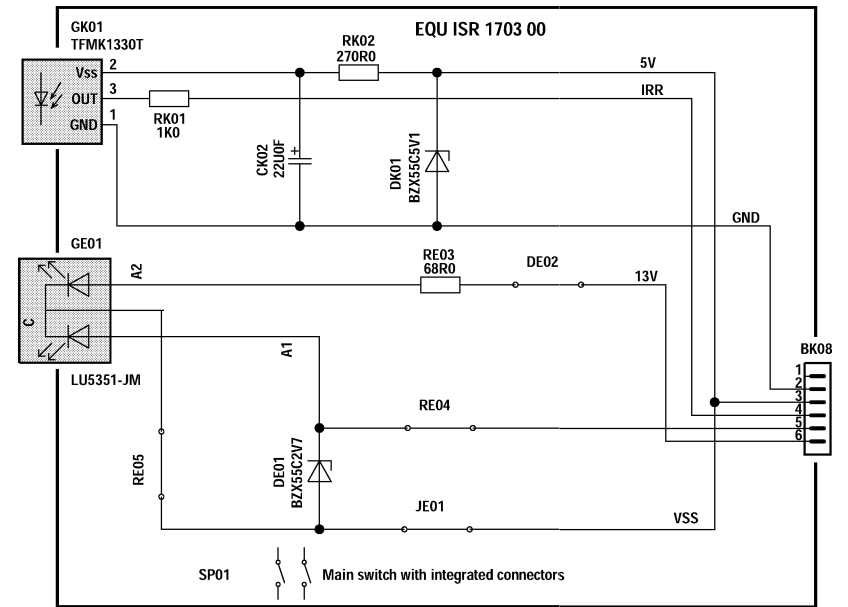
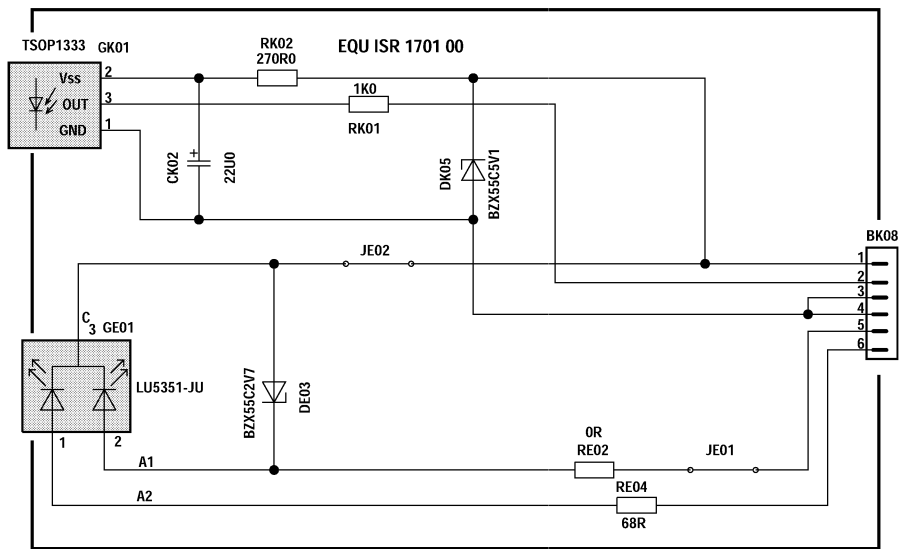












POWER SUPPLY - ALIMENTATION - NETZTEIL - ALIMENTAZIONE - ALIMENTACIÓN

(5) : standby

Note :
During measurements in the power supply unit
- Use the primary power unit ground (PGND).

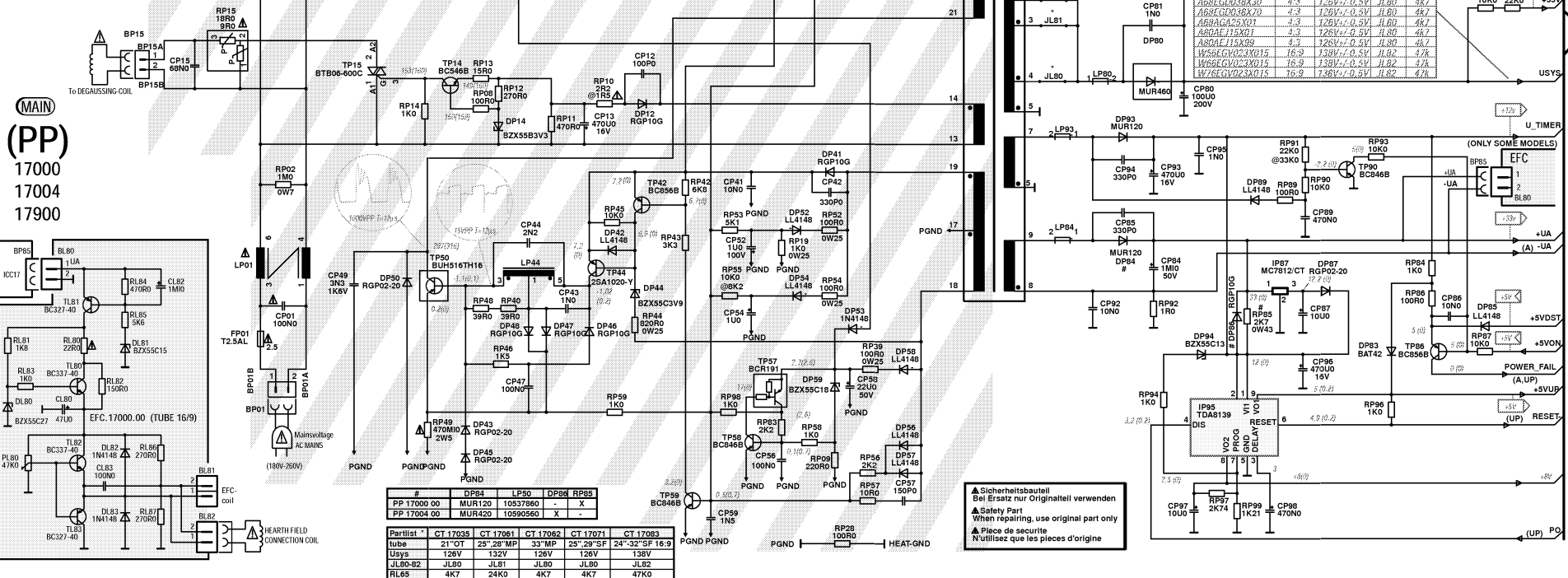
Attention :
Mesure dans le bloc alimentation
- Utiliser la masse du bloc alimentation (PGND).

Achtung :
Bei Messungen im Primärnetzteil
- Primärnetzteilmasse verwenden (PGND).

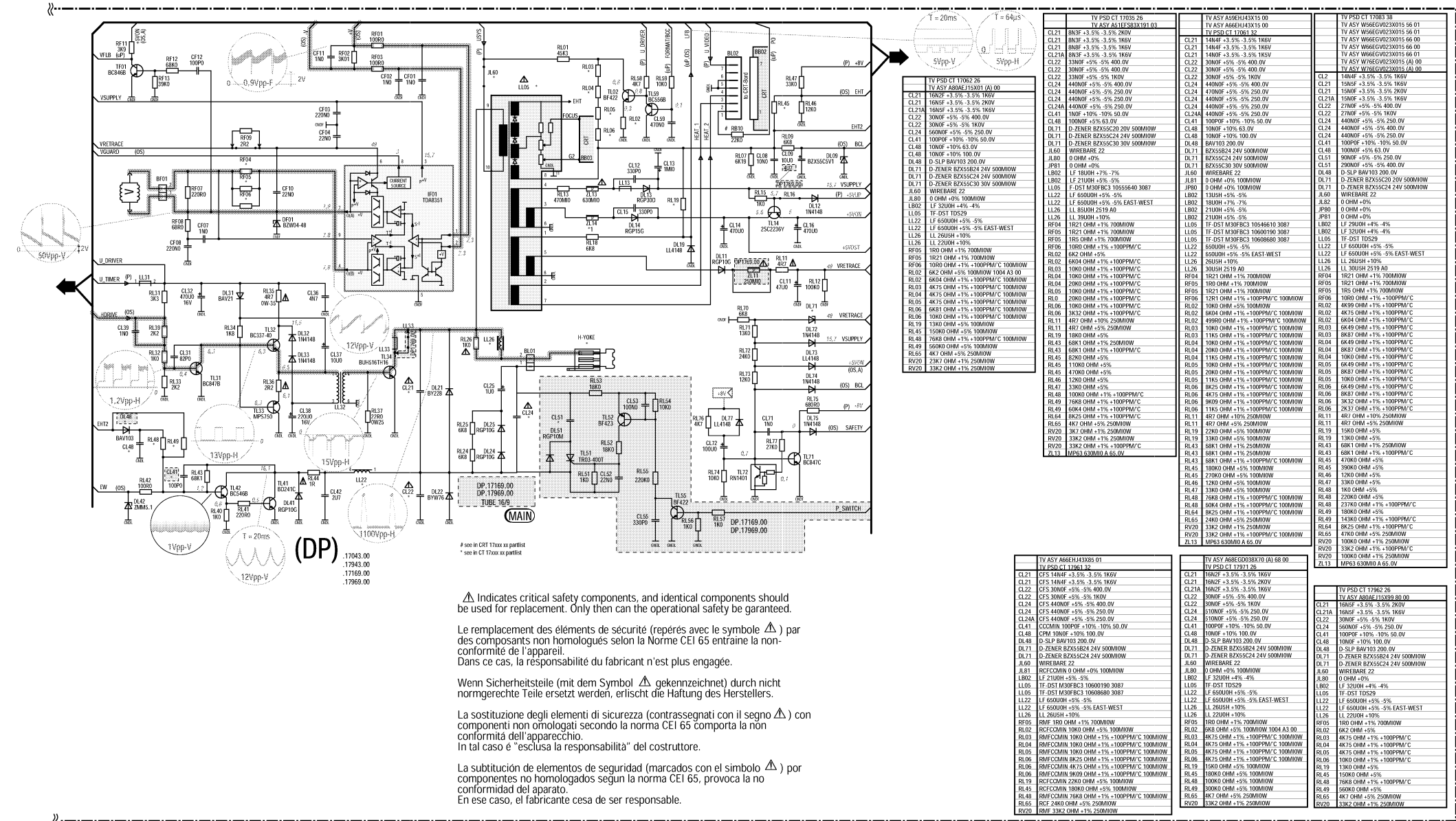
Attenzione :
misure nell'alimentatore primario
- usare massa alimentazione primario (PGND).

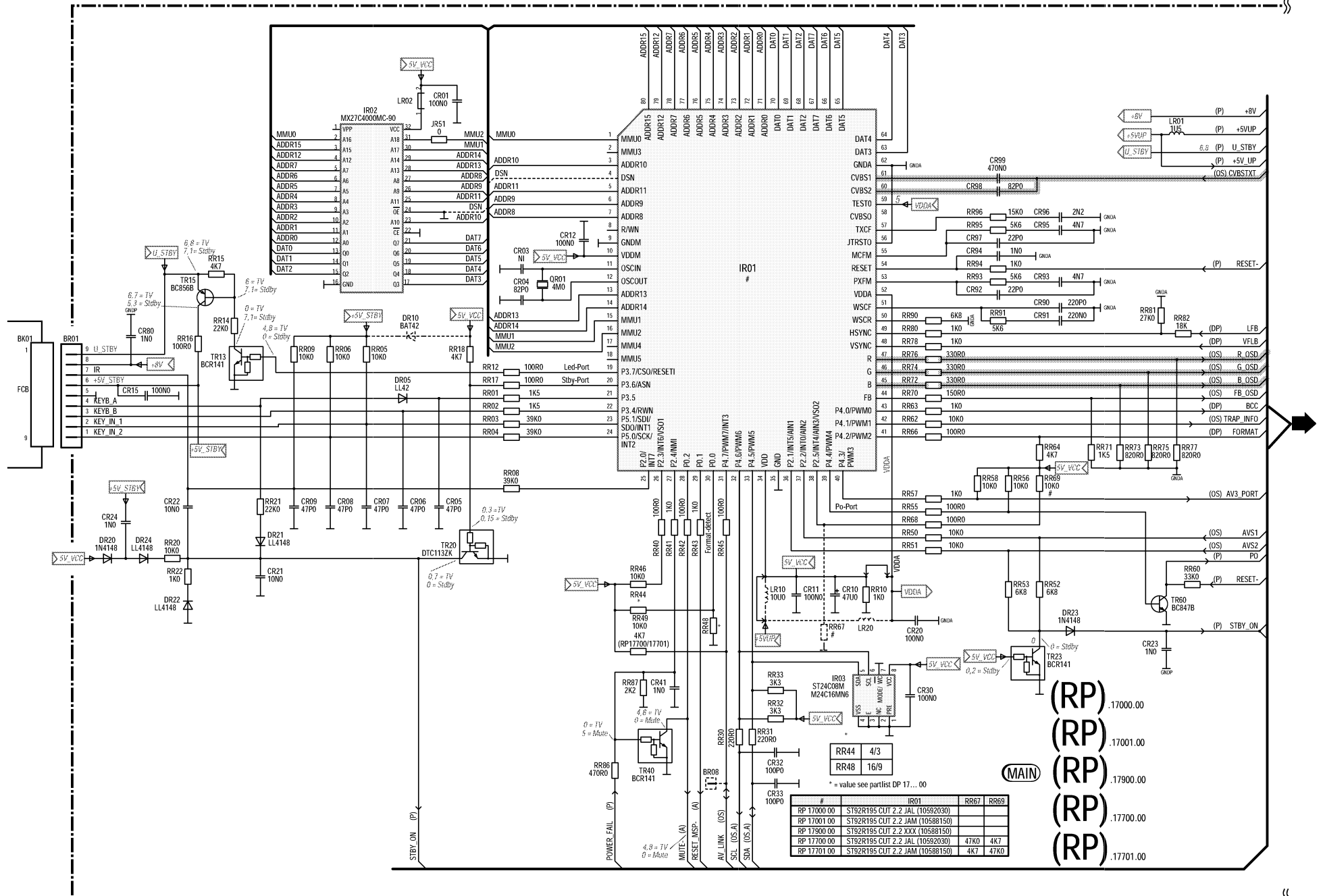
Cuidado :
Medida en el bloque de alimentacion
- Utilizar la masa del bloque de alimentacion (PGND).

Part of board connected to mains supply.
Partie du châssis reliée au secteur.
Primärseite des Netzteils.
Parte dello chassis collegata alla rete.
Parte del chassis conectará a la red.

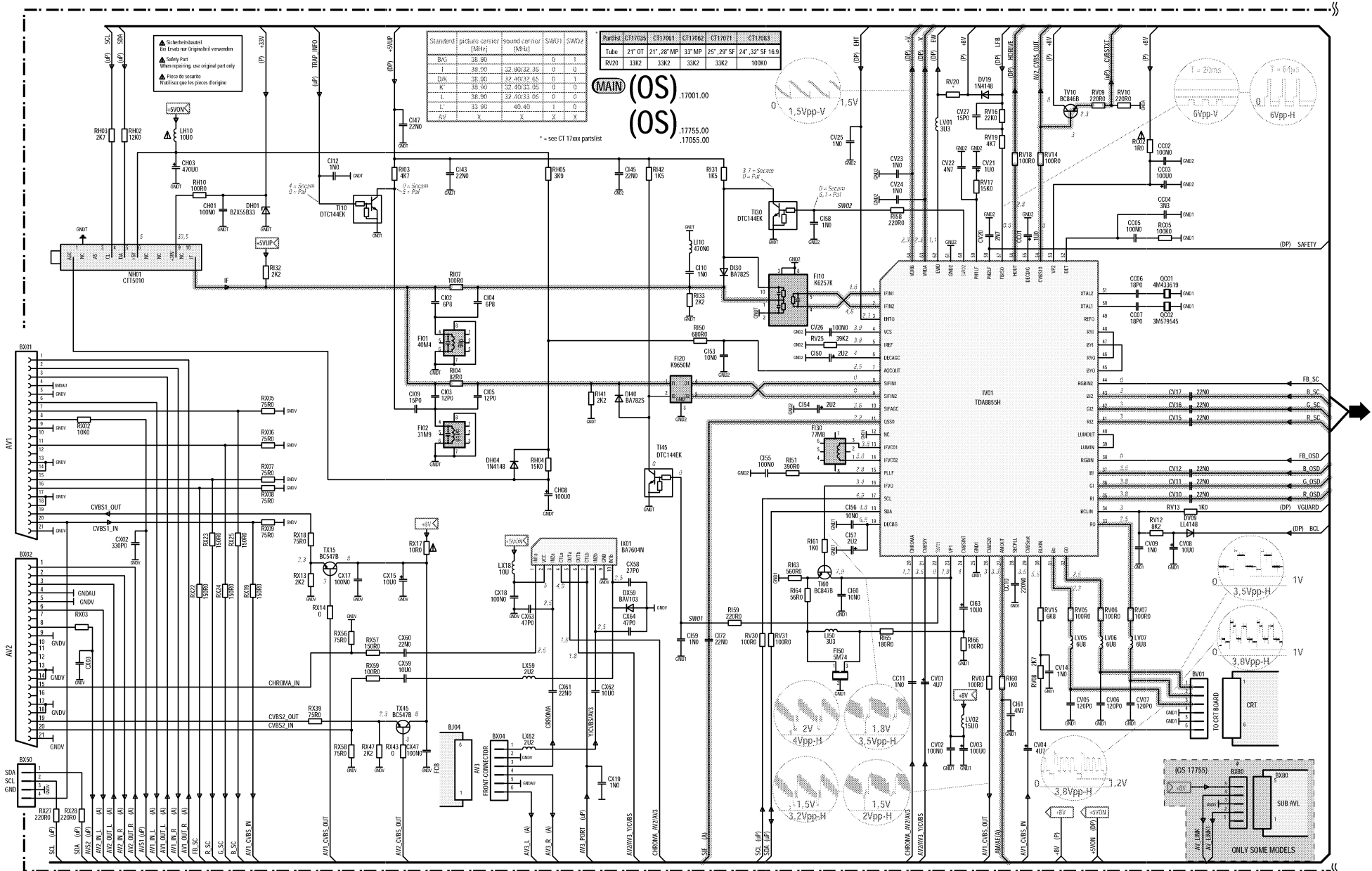


SCANNING - BALAYAGE - ABLENKUNG - BARRIDO - SCANSIONE

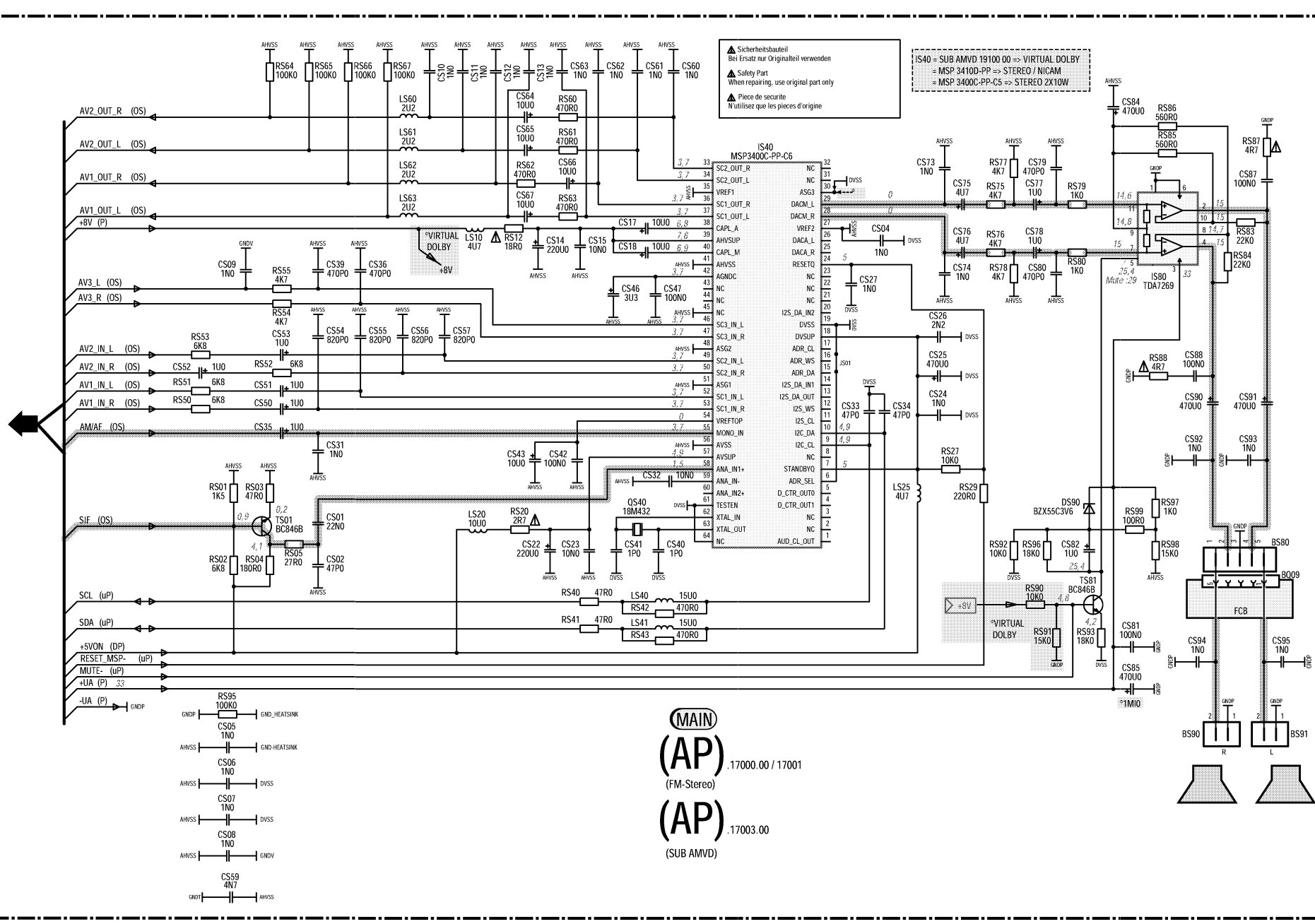




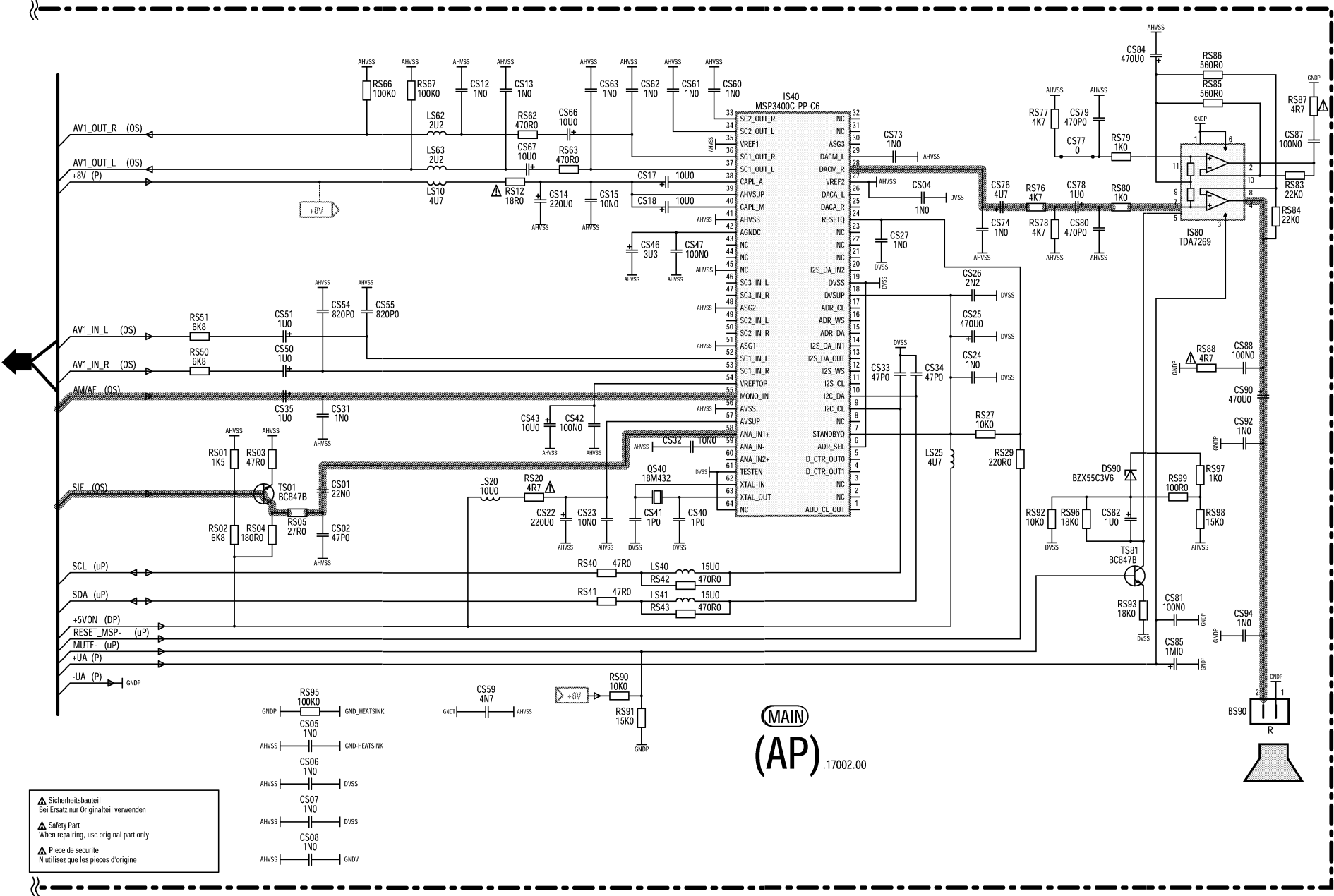
RF/FI/ SCART INTERFACE/VIDEO SIGNAL PROCESSING -HF/FI INTERFACE PERITELEVISION/TRAITEMENT LUMINANCE CHROMINANCE - HF/ZF/ SCART INTERFACE/VIDEO SIGNALVERARBEITUNG - RF/FI /PRESA PERITEL/ELABORAZIONE VIDEO - RF/FI /EUROCONECTOR / TRATAMENTO VIDEO



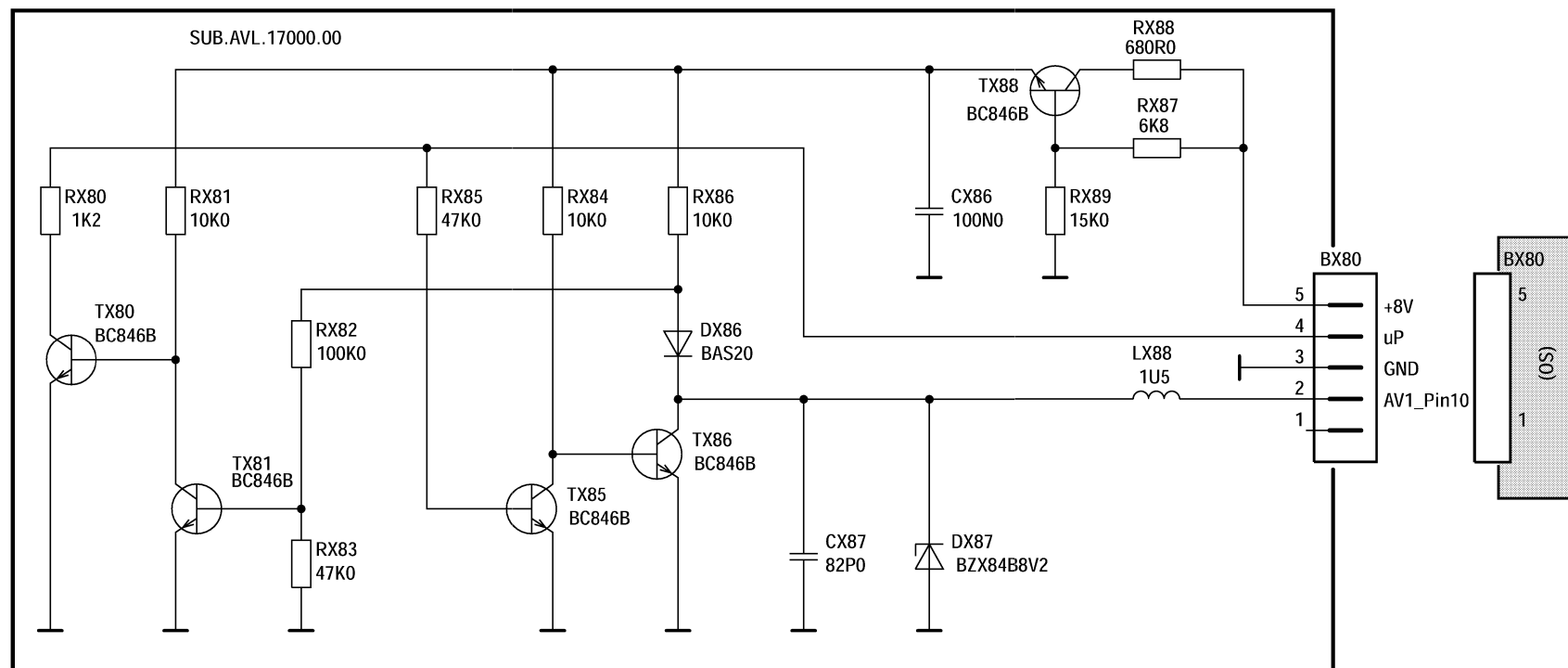
AMPLIFIER SCHEMATIC DIAGRAM - SCHEMA DE L'AMPLIFICATEUR - SCHALTBILD AUDIO-SIGNALVERARBEITUNG - SCHEMA DELL' AMPLIFICATORE
ESQUEMA DEL AMPLIFICADOR
(STEREO)



AMPLIFIER SCHEMATIC DIAGRAM - SCHEMA DE L'AMPLIFICATEUR - SCHALTBILD AUDIO-SIGNALVERARBEITUNG - SCHEMA DELL' AMPLIFICATORE - ESQUEMA DEL AMPLIFICADOR (MONO)



SUB AVL 17000



(5) : standby

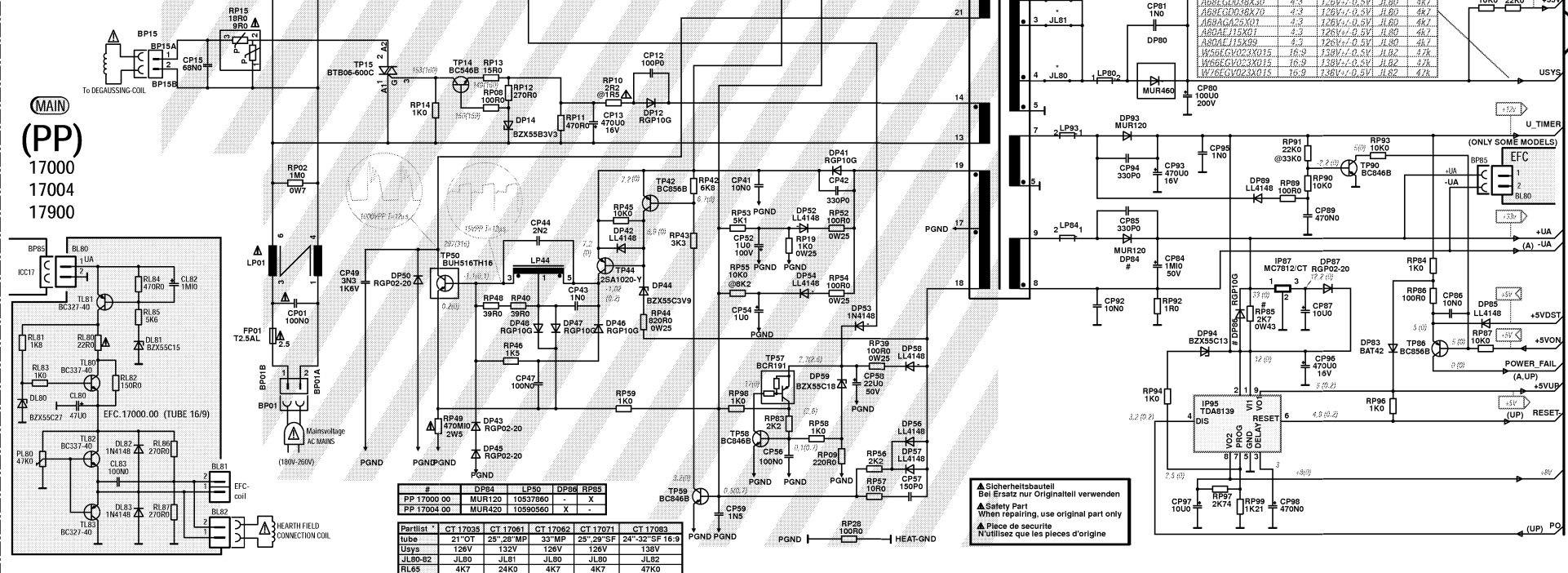
Attention :
Mesure dans le bloc alimentation
- Utiliser la masse du bloc alimentation
(PGND).


Achtung:
Bei Messungen im Primärnetzteil
- Primärnetzteilmasse verwenden
(PGND).

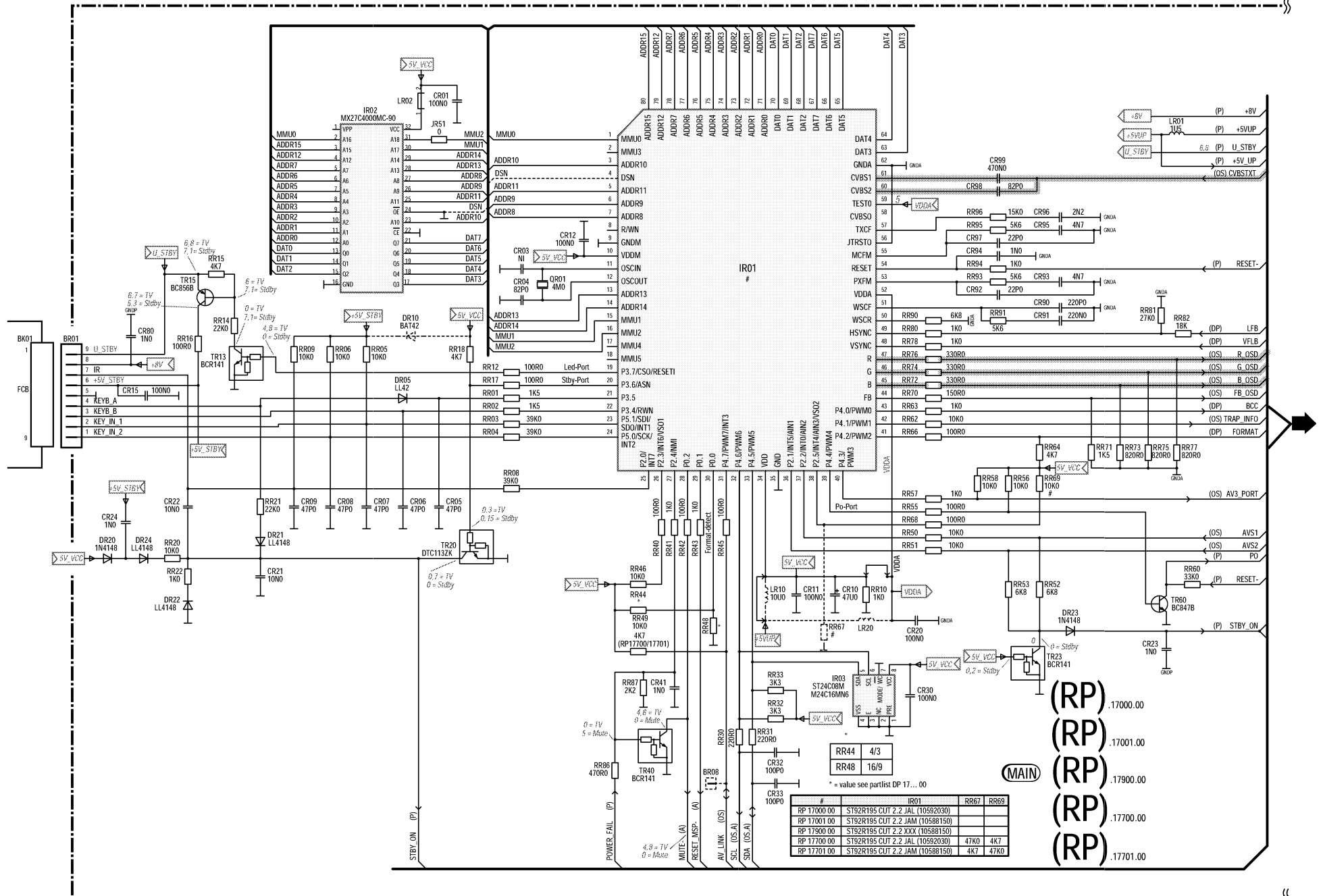
Attenzione :
 misure nell'alimentatore primario
 - usare massa alimentazione primario
 (PGND).

Cuidado :
Medida en el bloque de alimentacion
- Utilizar la masa del bloque de alimentacion (PGND).

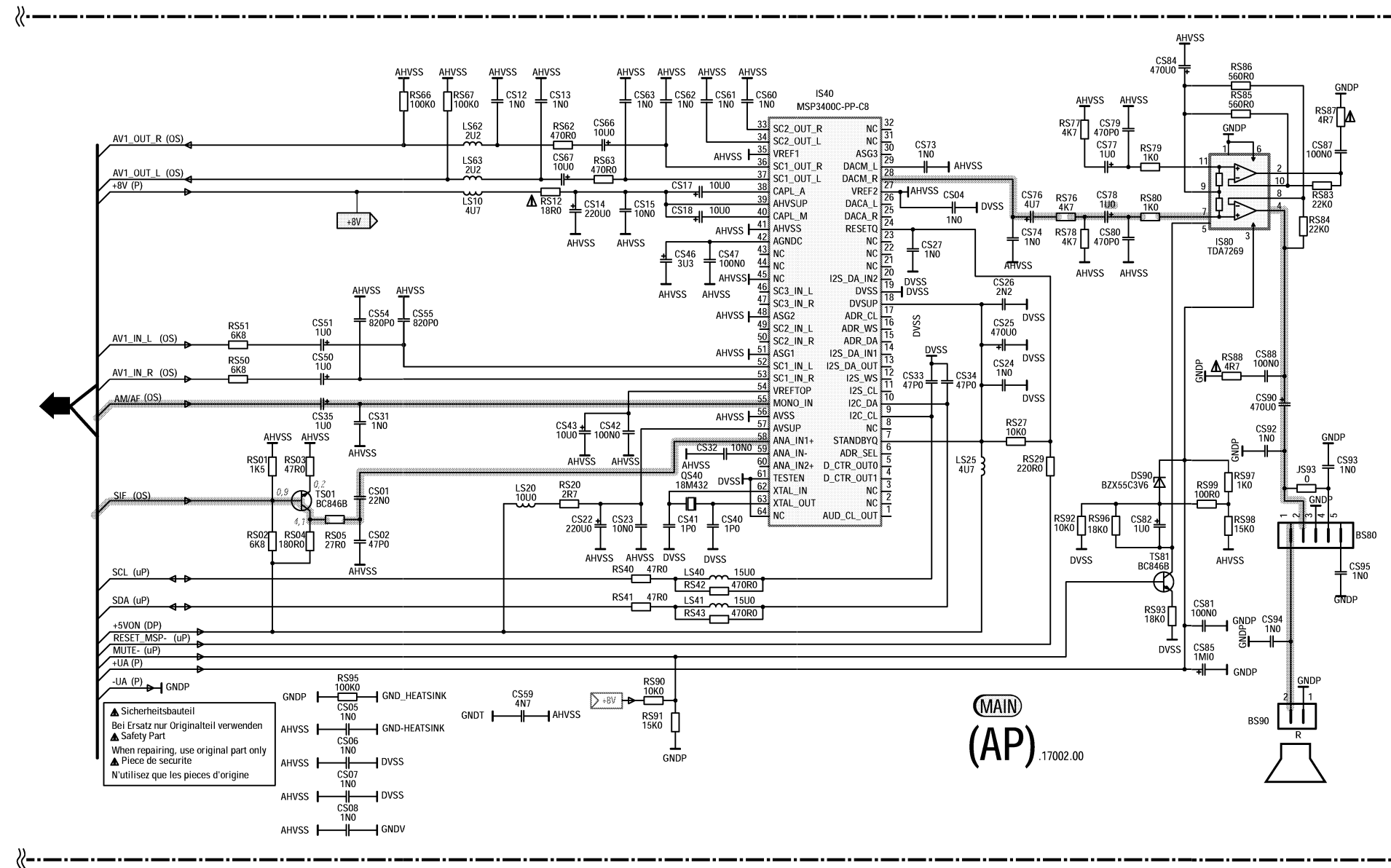
Part of board connected to mains supply.
Partie du châssis reliée au secteur.
Primärseite des Netzteils.
Parte dello châssis collegata alla rete.
Parte del chassiss conectar a la red.



La sustitución de elementos de seguridad (marcados con el símbolo ) por componentes no homologados según la norma CEI 65, provoca la no conformidad del aparato.
En ese caso, el fabricante cesa de ser responsable.



AMPLIFIER SCHEMATIC DIAGRAM - SCHEMA DE L'AMPLIFICATEUR - SCHALTBILD AUDIO-SIGNALVERARBEITUNG - SCHEMA DELL' AMPLIFICATORE -
ESQUEMA DEL AMPLIFICADOR
(MONO)



POWER SUPPLY - ALIMENTATION - NETZTEIL - ALIMENTAZIONE - ALIMENTACIÓN

(5) : standby

Note :
During measurements in the power supply unit
- Use the primary power unit ground (PGND).

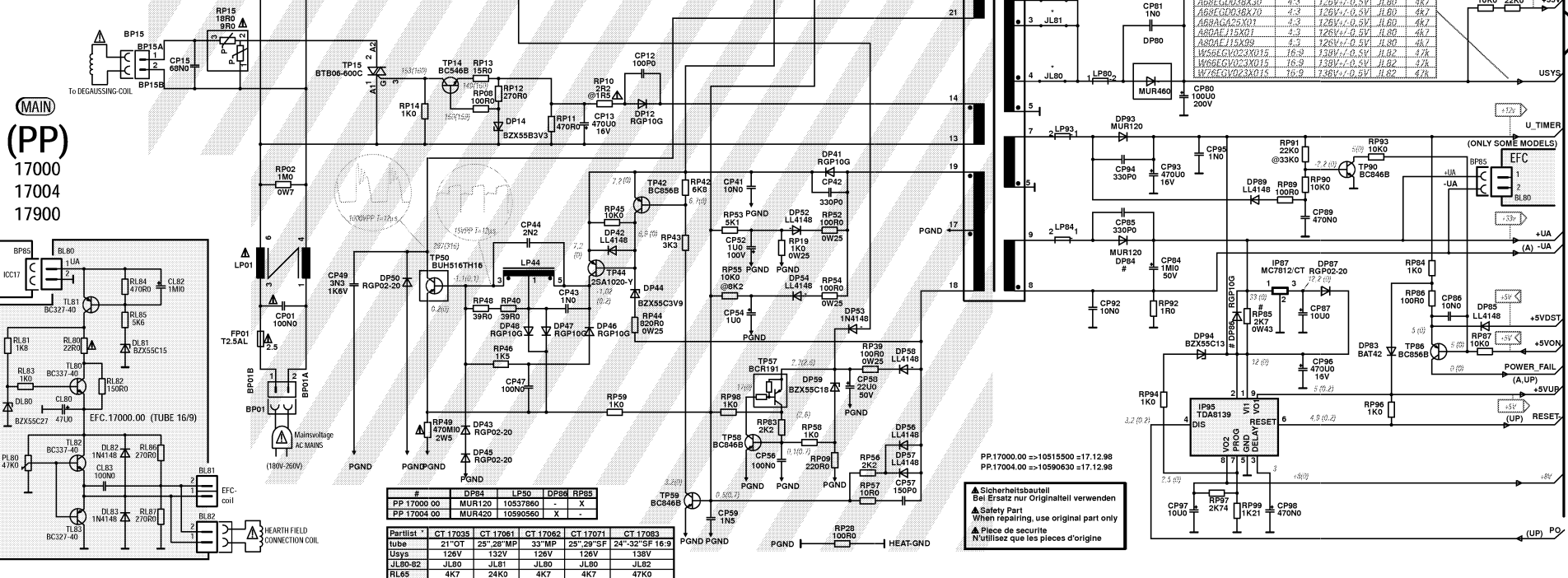
Attention :
Mesure dans le bloc alimentation
- Utiliser la masse du bloc alimentation (PGND).

Achtung :
Bei Messungen im Primärnetzteil
- Primärnetzteilmasse verwenden (PGND).


Attenzione :
misure nell'alimentatore primario
- usare massa alimentazione primario (PGND).

Cuidado :
medida en el bloque de alimentacion
- Utilizar la masa del bloque de alimentacion (PGND).

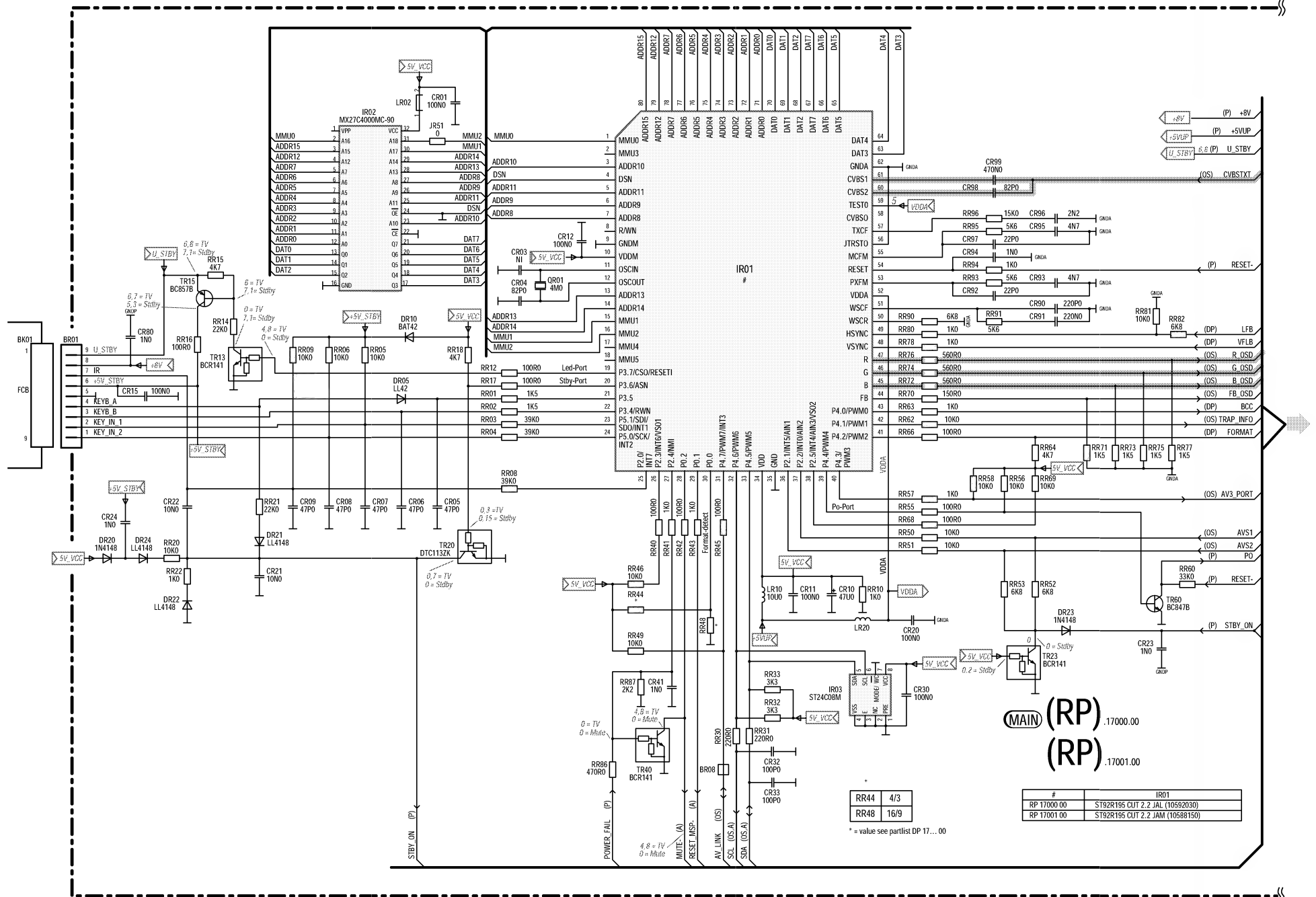
Part of board connected to mains supply.
Partie du châssis reliée au secteur.
Primärseite des Netzteils.
Parte dello chassis collegata alla rete.
Parte del chassis conectará a la red.



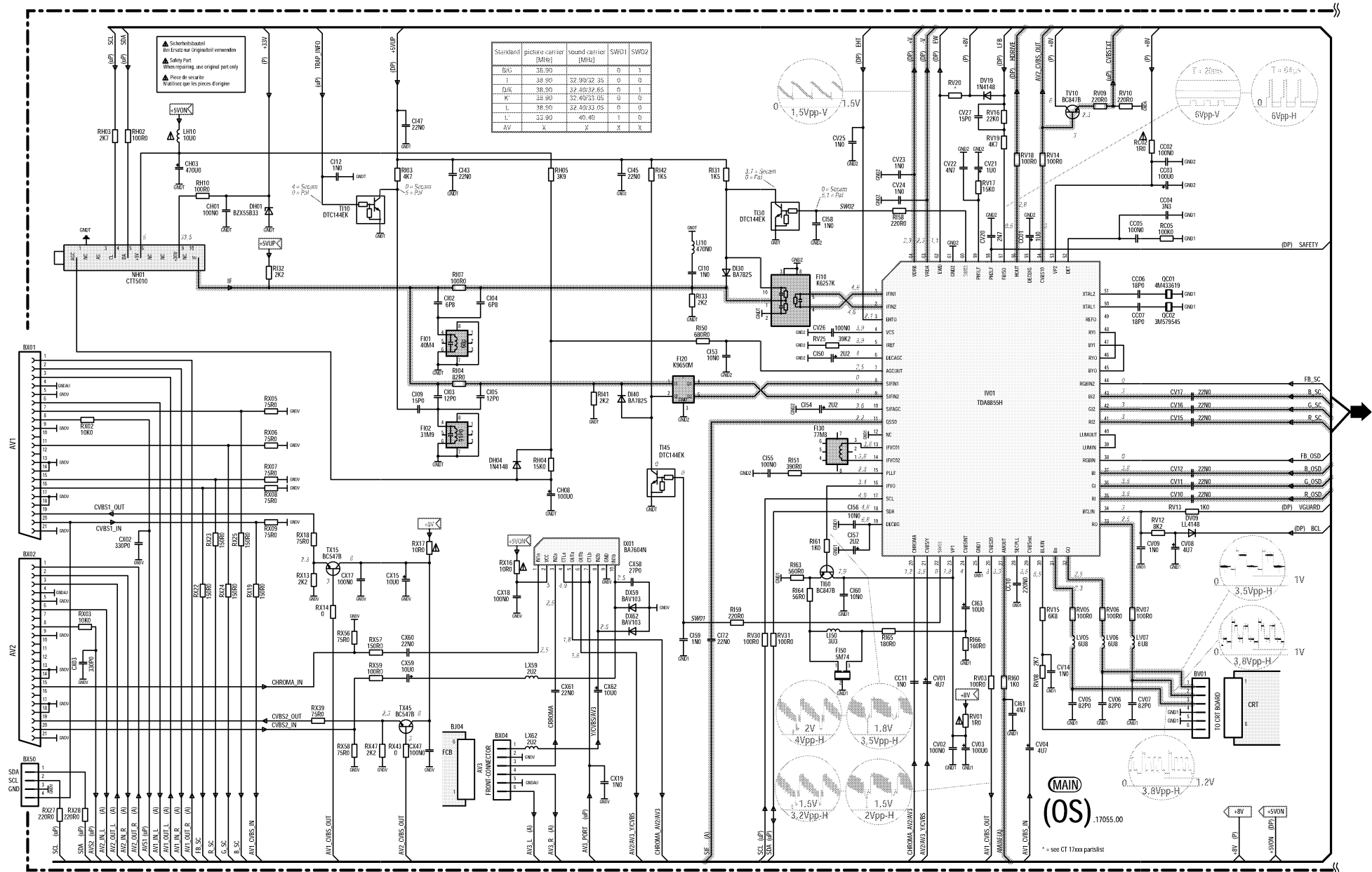


La sustitución de elementos de seguridad (marcados con el símbolo ) por componentes no homologados según la norma CEI 65, provoca la no conformidad del aparato.
En ese caso, el fabricante cesa de ser responsable.

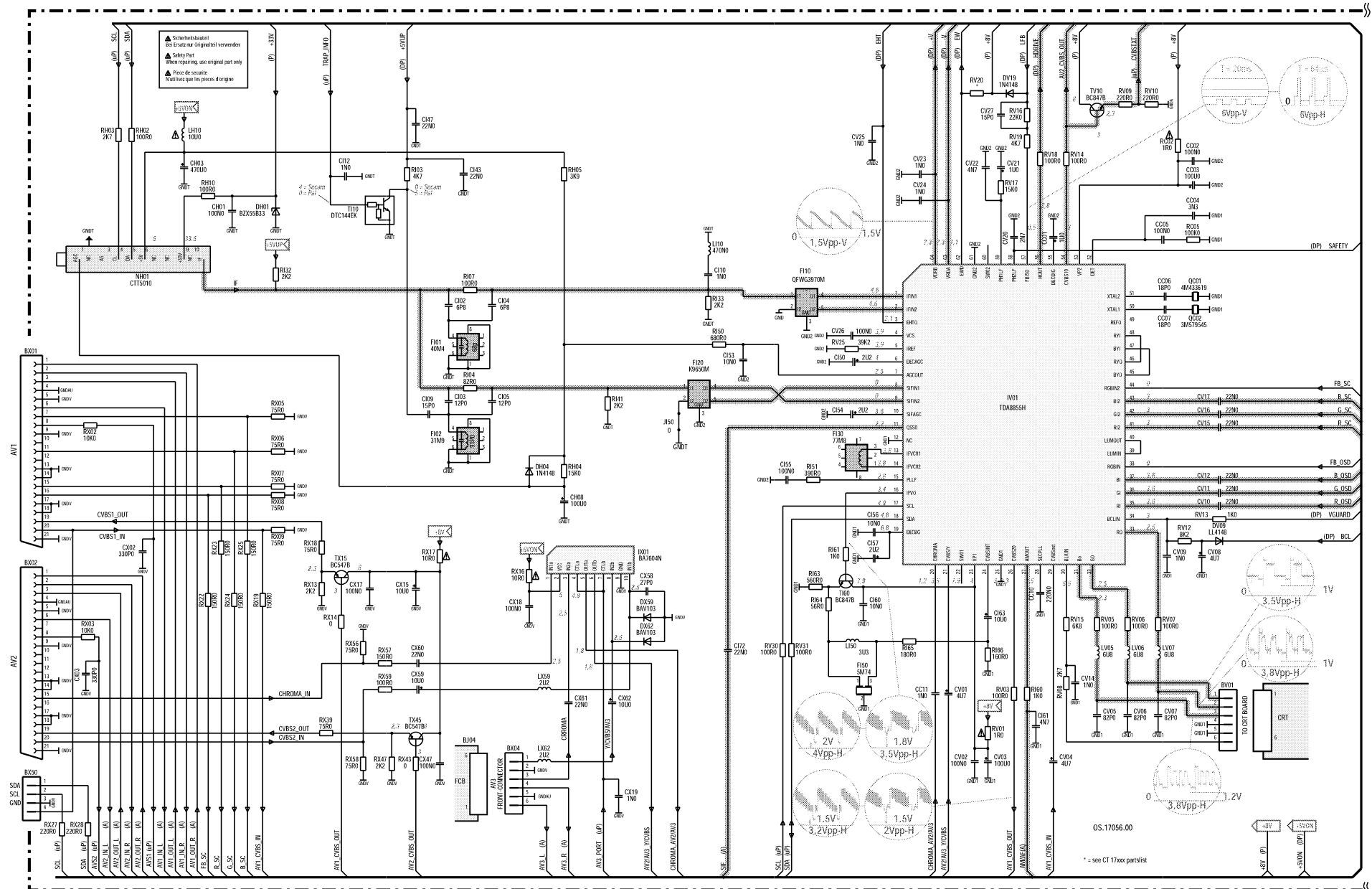
	TV ASY W56EGCV023X015 56 01
	TV ASY W66EGCV023X015 66 00
	TV ASY W76EGCV023X015 (A) 00
	Tube 16/9 24", 28", 32", 36" / vectorium
10:55:30	TV PSD C1 17083 38
CL21	15N5F +3.5% -3.5% 1K6V
CL22	27N9F +5% -5% 400V.0
CL24	44N0F +5% -5% 250V.0
CL41	100P0F +10% -10% 50.0V
CL48	100N0F +5% 63.3V
CL151	29N0F +5% -5% 250V.0
DL48	D-SLP BAV103 200.2V
DL71	D-ZENER BZX55C24 24V 500MW
YL60	WIREBARE 22
YL82	0 OHM +0% 100MW0
LB02	LF 320UH +4% -4%
LL05	TF-DST 10529 15 1341460 10
LL22	LF 650UH +5% -5%
LI1	1.30US1 2510 40
R005	1R21 OHM +1% 100MW0
RLO2	4K99 OHM +1% 100MW0
RLO3	6K49 OHM +1% 100MW0
RLO4	6K49 OHM +1% 100MW0
RLO5	6K49 OHM +1% 100MW0
RLO6	2K37 OHM +1% 100MW0
RL19	13K0 OHM +5% 100MW0
RL45	390K OHM +5% 100MW0
RL49	22K0 OHM +5% 100MW0
RL49	180K OHM +5% 100MW0
RL65	47K0 OHM +5% 250MW0
RV20	100K0 OHM +1% 250MW0



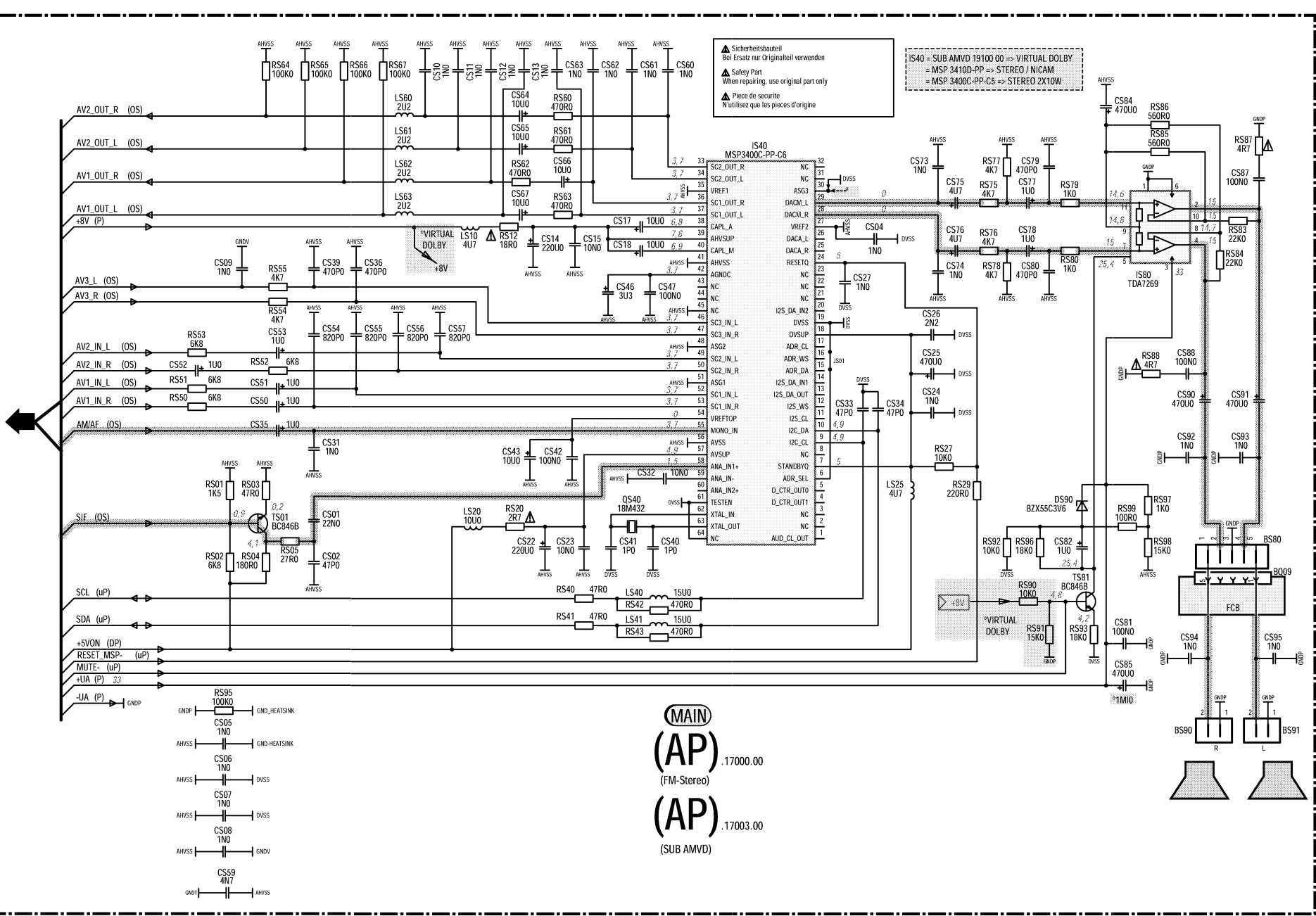
RF/FI/ SCART INTERFACE/VIDEO SIGNAL PROCESSING -HF/FI INTERFACE PERITELEVISION/TRAITEMENT LUMINANCE CHROMINANCE - HF/ZF/ SCART INTERFACE/VIDEO
SIGNALVERARBEITUNG - RF/FI /PRESA PERITEL/ELABORAZIONE VIDEO - RF/FI /EUROCONECTOR / TRATAMENTO VIDEO



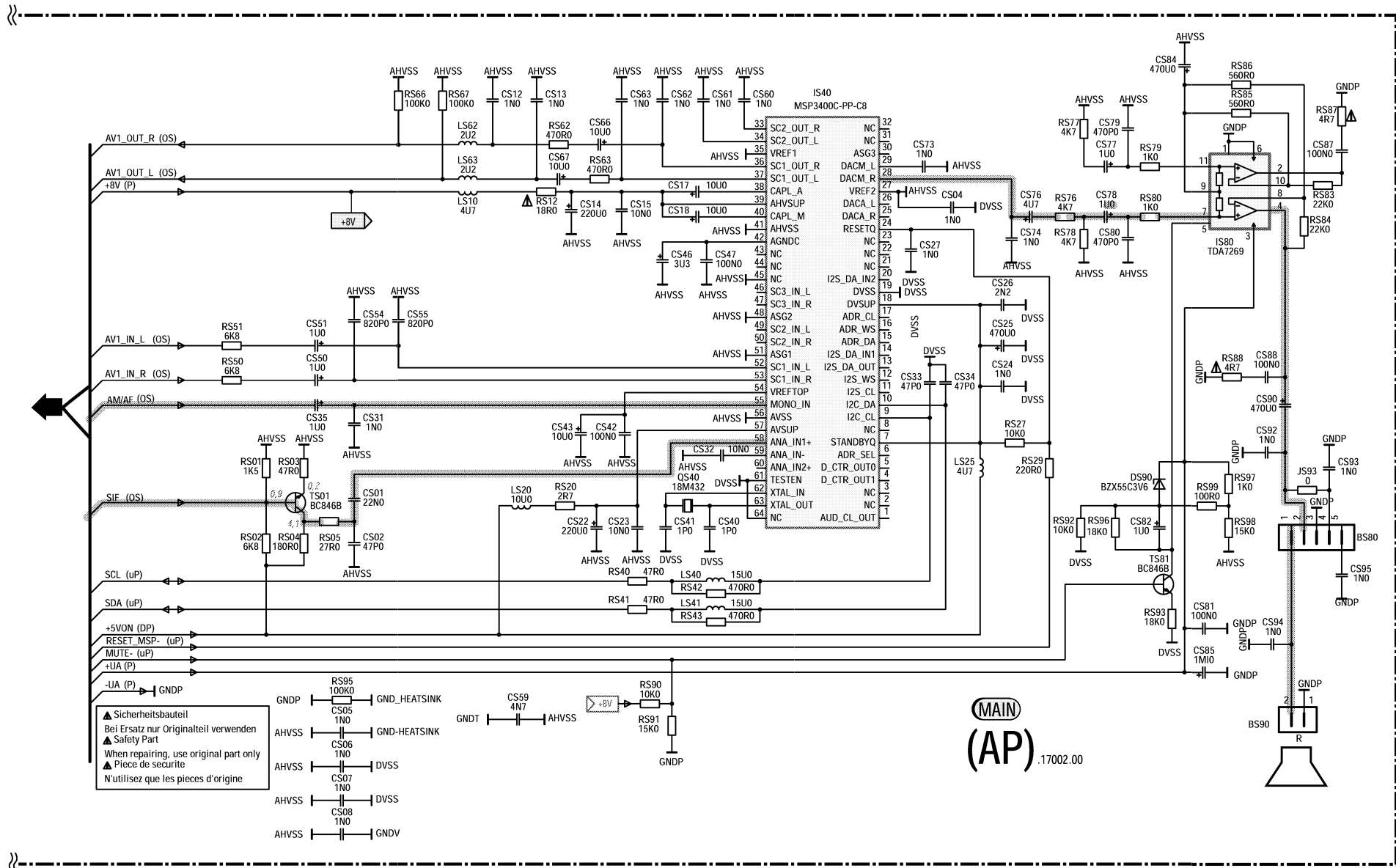
RF/FI/ SCART INTERFACE/VIDEO SIGNAL PROCESSING -HF/FI INTERFACE PERITELEVISION/TRAITEMENT LUMINANCE CHROMINANCE - HF/ZF/ SCART INTERFACE/VIDEO SIGNALVERARBEITUNG - RF/FI /PRESA PERITEL/ELABORAZIONE VIDEO - RF/FI /EUROCONECTOR/TRATAMENTO VIDEO



AMPLIFIER SCHEMATIC DIAGRAM - SCHEMA DE L'AMPLIFICATEUR - SCHALTBILD AUDIO-SIGNALVERARBEITUNG - SCHEMA DELL' AMPLIFICATORE
ESQUEMA DEL AMPLIFICADOR
(STEREO)



AMPLIFIER SCHEMATIC DIAGRAM - SCHEMA DE L'AMPLIFICATEUR - SCHALTBILD AUDIO-SIGNALVERARBEITUNG - SCHEMA DELL' AMPLIFICATORE - ESQUEMA DEL AMPLIFICADOR (MONO)



POWER SUPPLY - ALIMENTATION - NETZTEIL - ALIMENTAZIONE - ALIMENTACIÓN

(5) : standby

Note :

During measurements in the power supply unit

- Use the primary power unit ground (PGND)

Attention :

Mesure dans le bloc alimentation

- Utiliser la masse du bloc alimentation (PGND)

Achtung :

Bei Messungen im Primärnetzteil

- Primärnetzteilmasse verwenden (PGND)

Attenzione :

misure nell'alimentatore primario

- usare massa alimentazione primario (PGND)

Cuidado :

Medida en el bloque de alimentacion

- Utilizar la masa del bloque de alimentacion (PGND)

Part of board connected to mains supply.

Partie du châssis reliée au secteur.

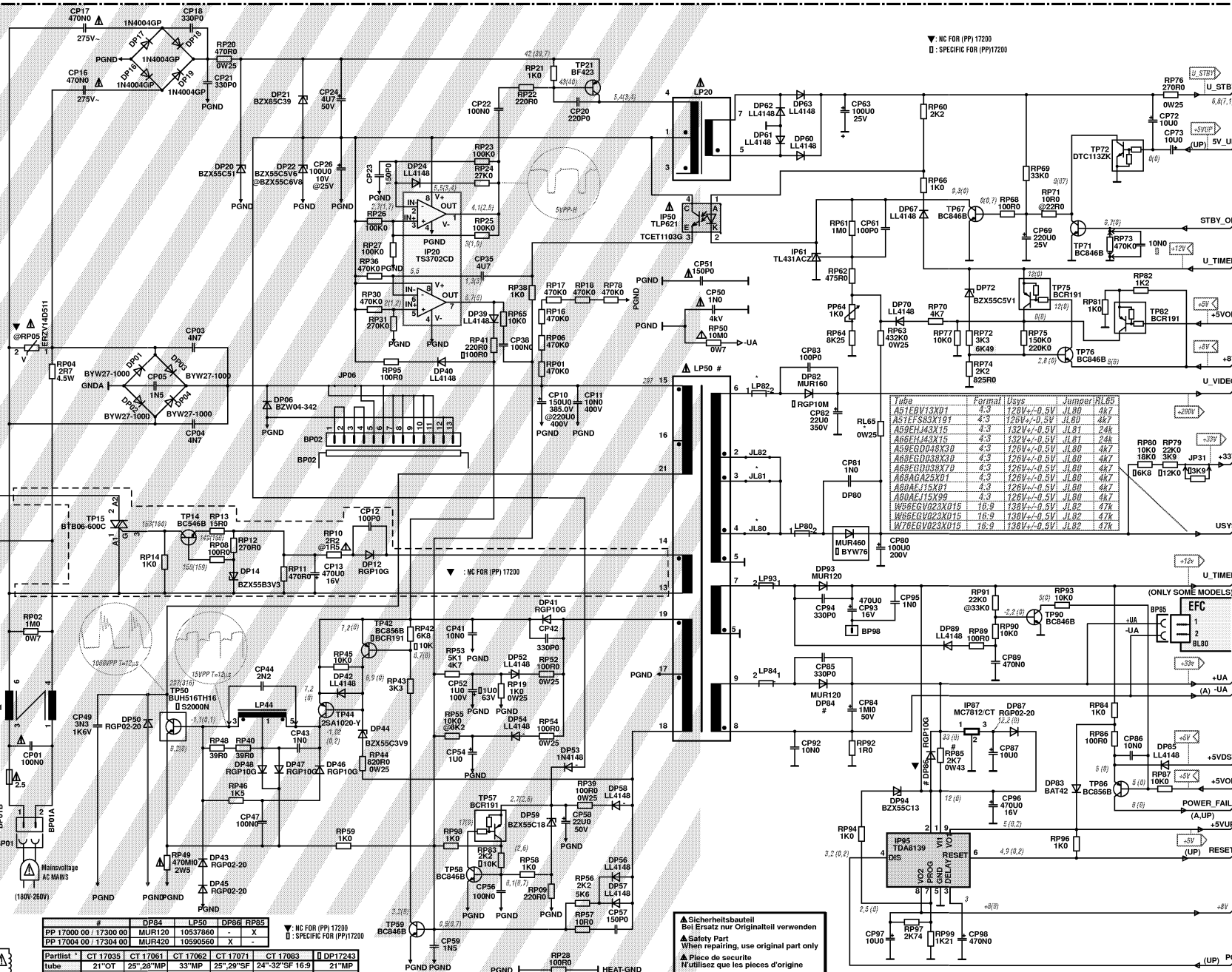
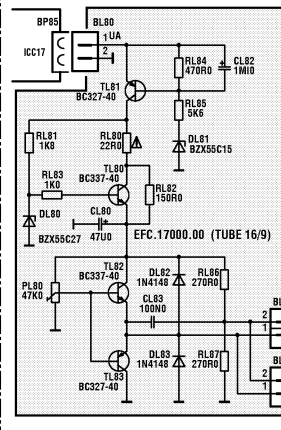
Primärseite des Netzteils.

Parte dello chassis collegata alla rete.

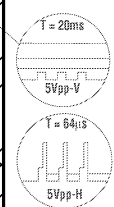
Parte del chassis conectar a la red.

(MAIN)
(PP)

17000
17004
17200
17300
17304
17900

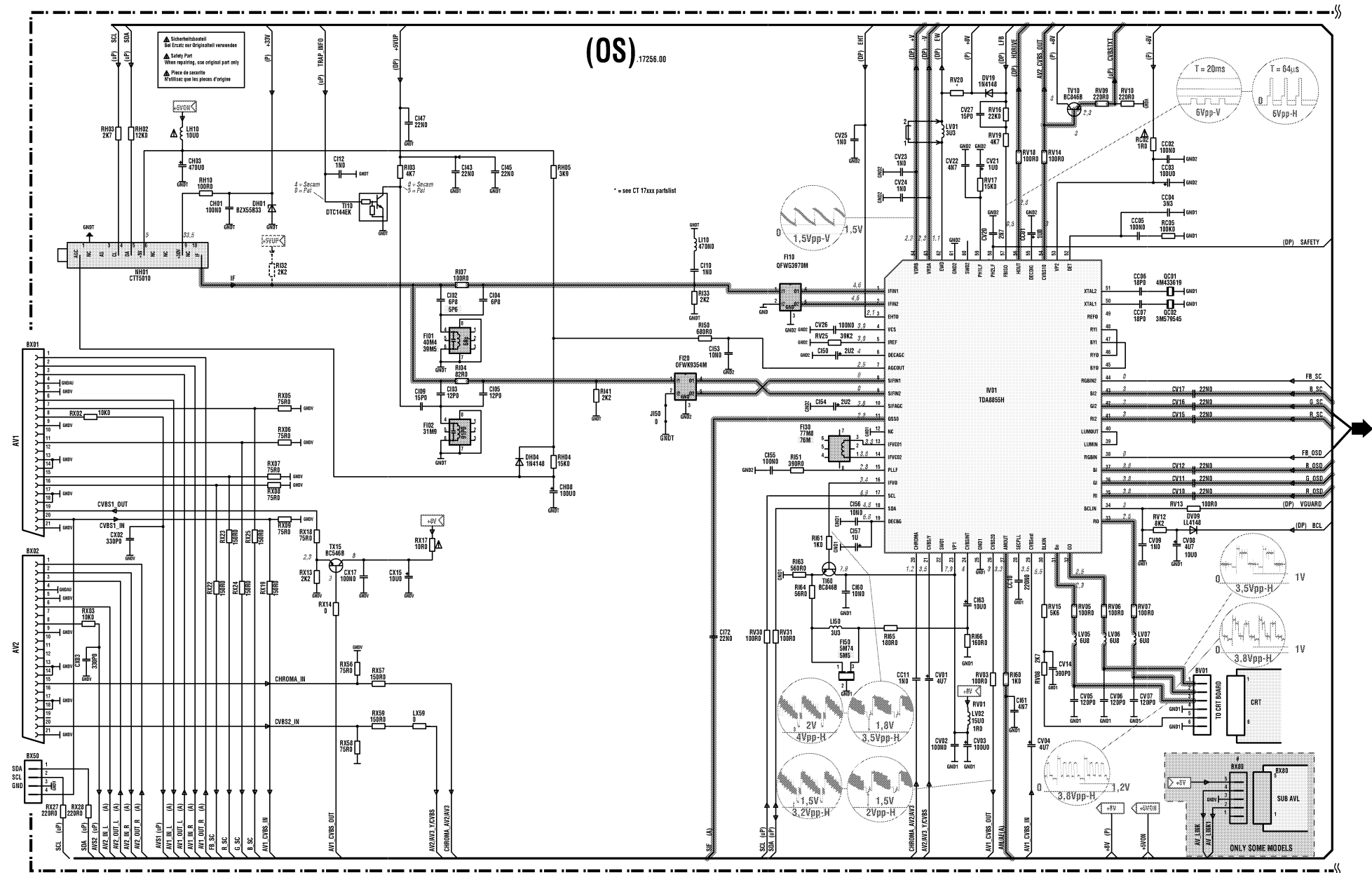


▲ Sicherheitsbauteil
Bei Ersatz nur Originalteil verwenden
▲ Safety Part
When repairing, use original part only
▲ Pièce de sécurité
N'utilisez que les pièces d'origine



»

RF/FI/ SCART INTERFACE/VIDEO SIGNAL PROCESSING -HF/FI INTERFACE PERITELEVISION/TRAIITEMENT LUMINANCE CHROMINANCE - HF/ZF/ SCART INTERFACE/VIDEO
SIGNALVERARBEITUNG - RF/FI /PRESA PERITEL/ELABORAZIONE VIDEO - RF/FI /EUROCONECTOR/TRATAMENTO VIDEO



»-



POWER SUPPLY - ALIMENTATION - NETZTEIL - ALIMENTAZIONE - ALIMENTACIÓN

(5) : standby

Note :
During measurements in the power supply unit
- Use the primary power unit ground (PGND).

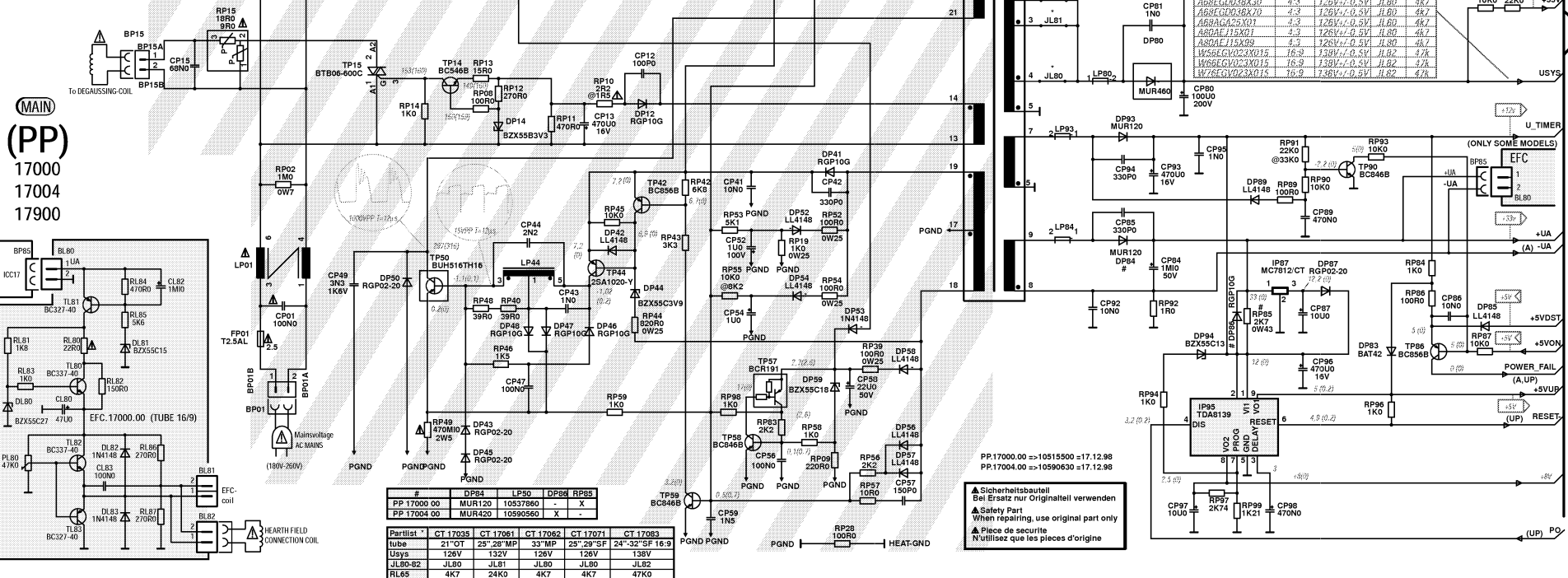
Attention :
Mesure dans le bloc alimentation
- Utiliser la masse du bloc alimentation (PGND).

Achtung :
Bei Messungen im Primärnetzteil
- Primärnetzteilmasse verwenden (PGND).


Attenzione :
misure nell'alimentatore primario
- usare massa alimentazione primario (PGND).

Cuidado :
medida en el bloque de alimentacion
- Utilizar la masa del bloque de alimentacion (PGND).

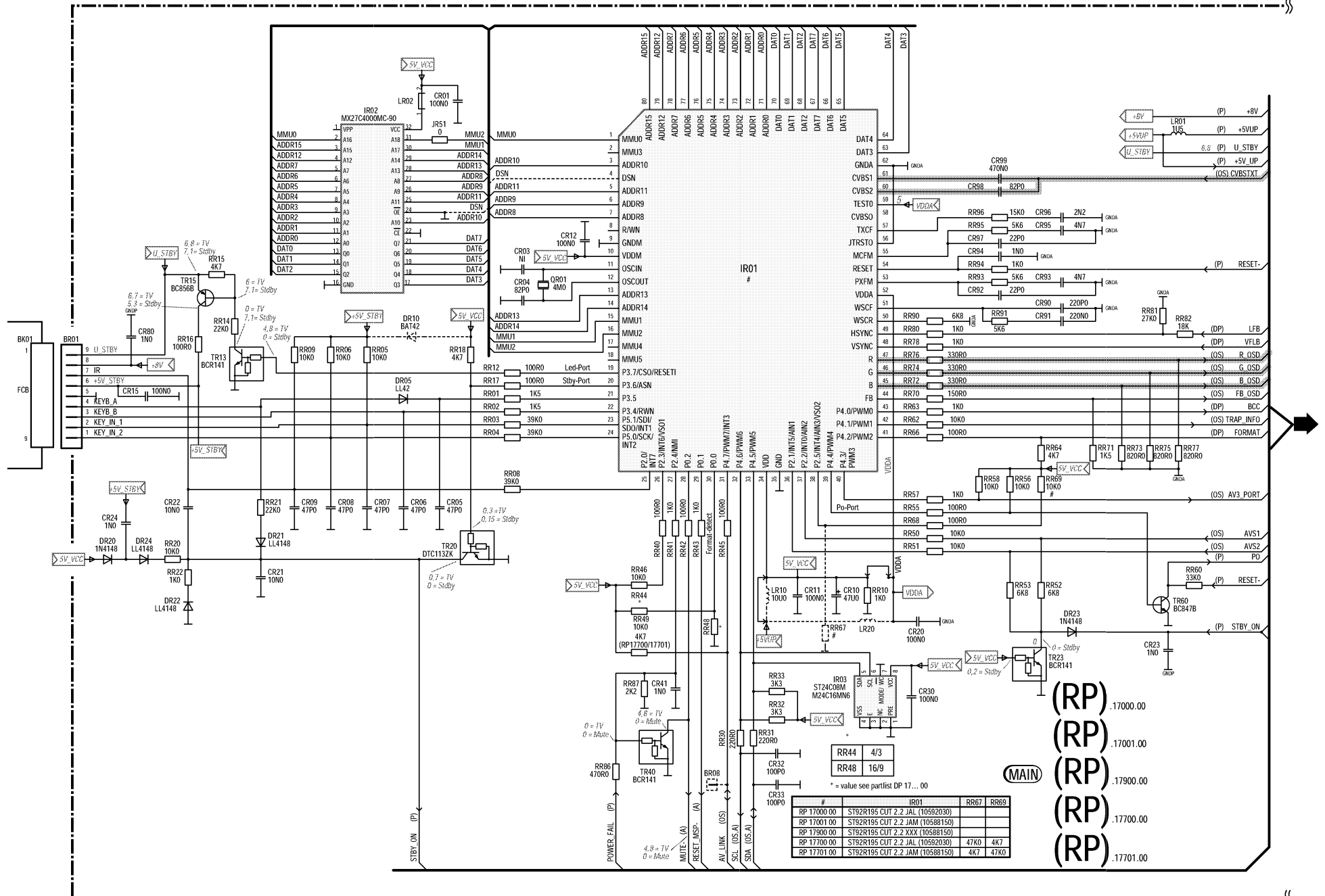
Part of board connected to mains supply.
Partie du châssis reliée au secteur.
Primärseite des Netzteils.
Parte dello chassis collegata alla rete.
Parte del chassis conectará a la red.

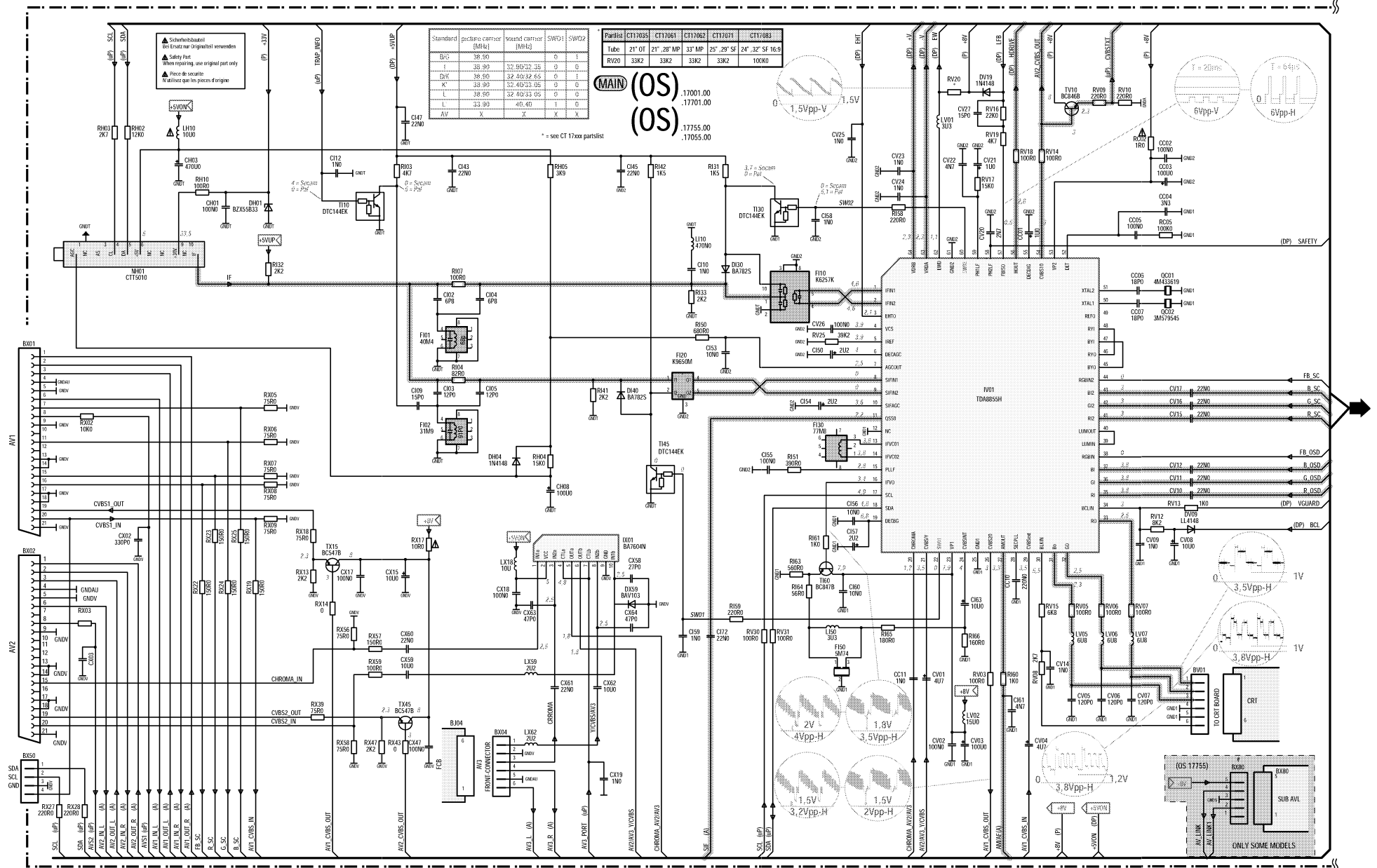




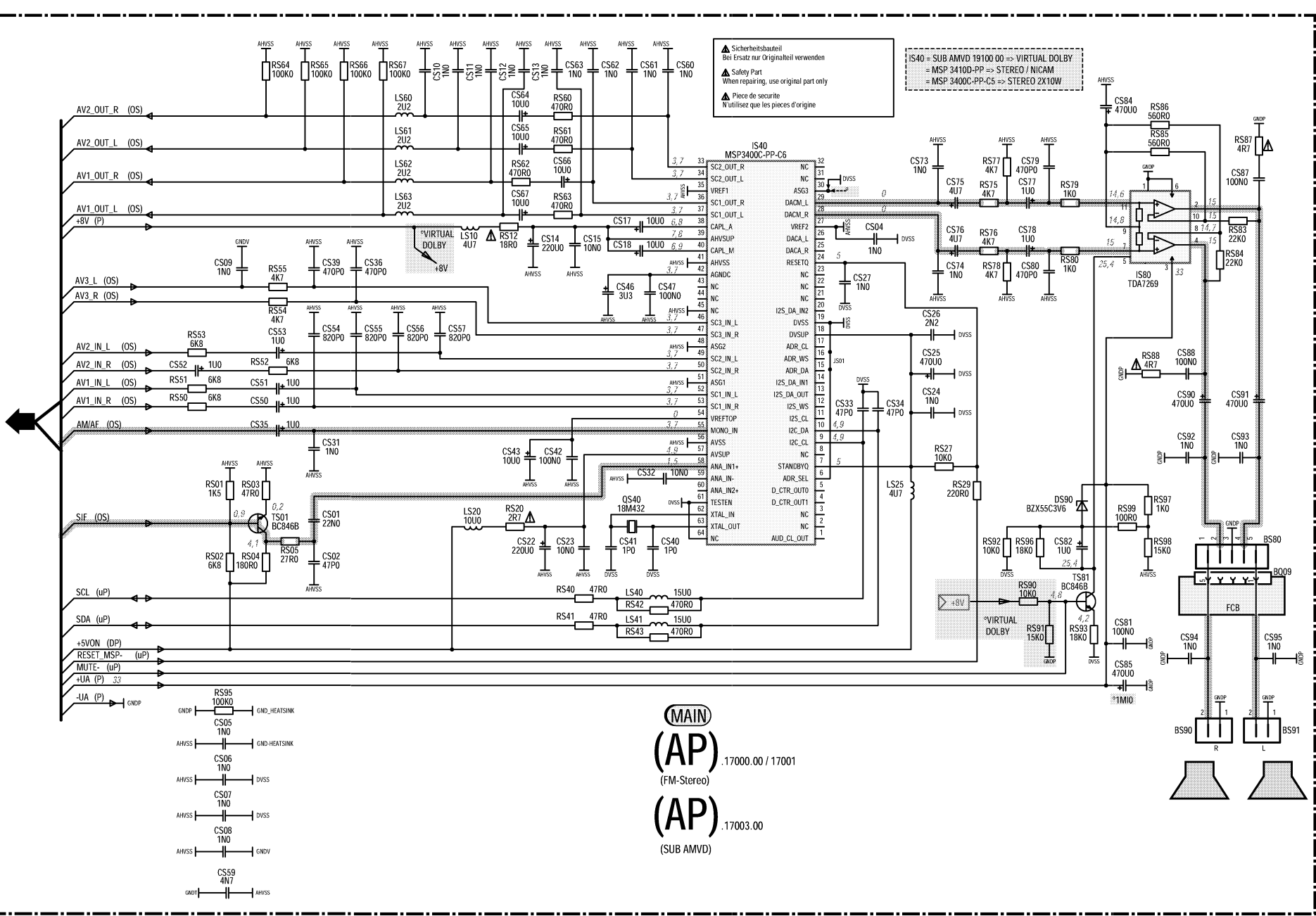
La sustitución de elementos de seguridad (marcados con el símbolo ) por componentes no homologados según la norma CEI 65, provoca la no conformidad del aparato.
En ese caso, el fabricante cesa de ser responsable.

	TV ASY W56EGCV023X015 56 01
	TV ASY W66EGCV023X015 66 00
	TV ASY W76EGCV023X015 (A) 00
	Tube 16/9 24", 28", 32", 36" / vectorium
10:55:30	TV PSD C1 17083 38
CL21	15N5F +3.5% -3.5% 1K6V
CL22	27N9F +5% -5% 400V.0
CL24	44N0F +5% -5% 250V.0
CL41	100P0F +10% -10% 50.0V
CL48	100N0F +8% 63.3V
CL151	29N0F +5% -5% 250V.0
DL48	D-SLP BAV103 200.2V
DL71	D-ZENER BZX55C24 24V 500mW
JL60	WIREBARE 22
IL82	0 OHM +0% 100mW
LB02	LF 320UH +4% -4%
LL05	TF-DST 10529 15 1341460 10
LL22	LF 650UH +5% -5%
LI1	1.30US1 2510 40
R005	1R21 OHM +1% 100mW
RLO2	4K99 OHM +1% 100mW
RLO3	6K49 OHM +1% 100mW
RLO4	6K49 OHM +1% 100mW
RLO5	6K49 OHM +1% 100mW
RLO6	2K37 OHM +1% 100mW
RL19	13K0 OHM +5% 100mW
RL45	390K OHM +5% 100mW
RL49	22K0 OHM +5% 100mW
RL49	180K OHM +5% 100mW
RL65	47K0 OHM +5% 250mW
RV20	100K0 OHM -1%, 250mW





AMPLIFIER SCHEMATIC DIAGRAM - SCHEMA DE L'AMPLIFICATEUR - SCHALTBILD AUDIO-SIGNALVERARBEITUNG - SCHEMA DELL' AMPLIFICATORE
ESQUEMA DEL AMPLIFICADOR
(STEREO)



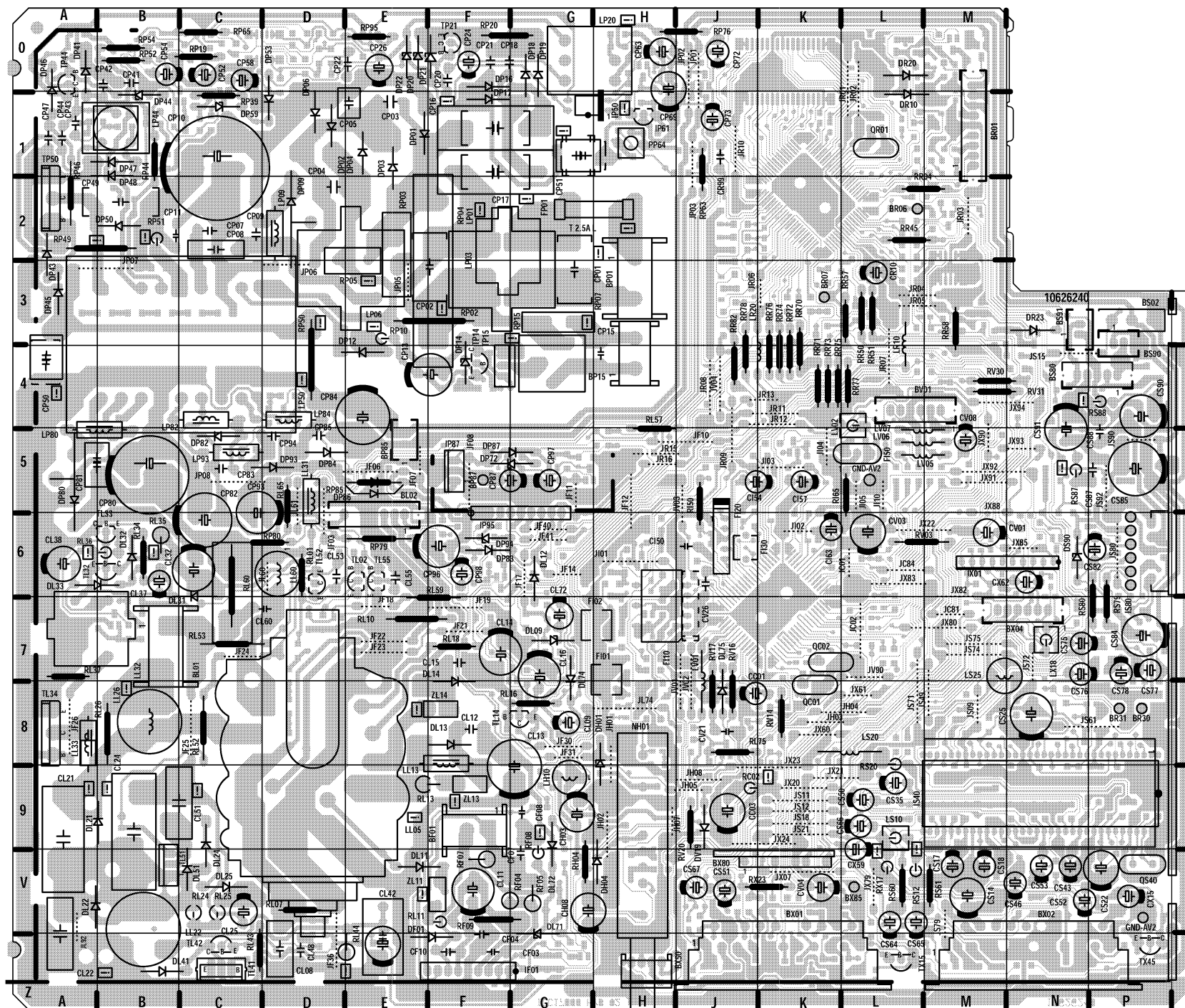
Sicherheitsbauteil
Bei Ersatz nur Originalteil verwenden

Safety Part
When repairing, use original part only

Pièce de sécurité
N'utilisez que les pièces d'origine

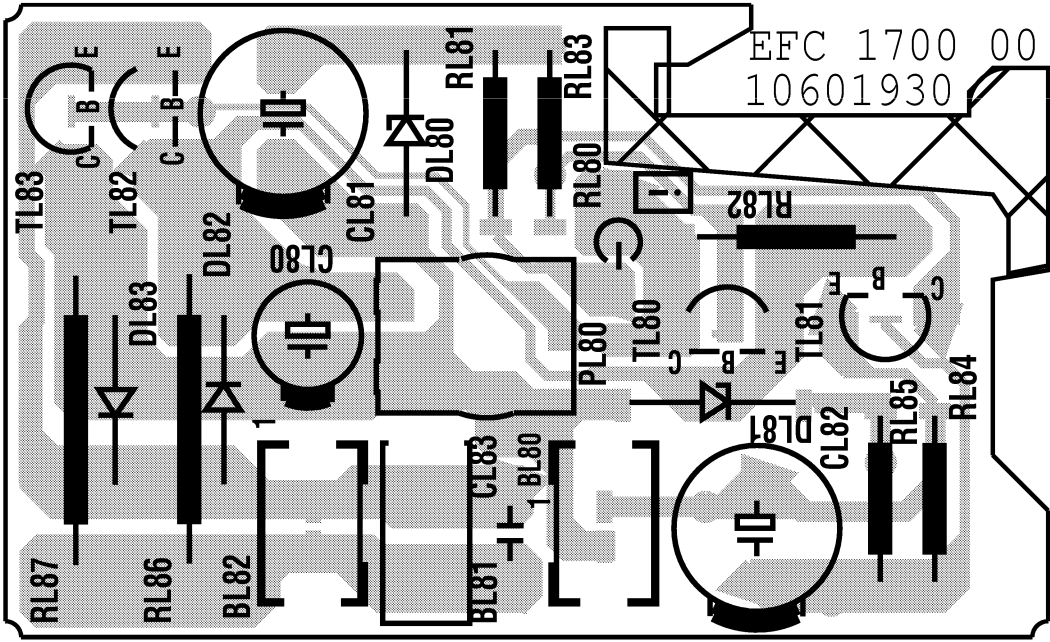
MAIN (AP) .17002.00

COMPONENT SIDE - COTE COMPOSANTS - BESTÜCKUNGSSEITE - LATO COMPONENTI - LADO COMPONENTES

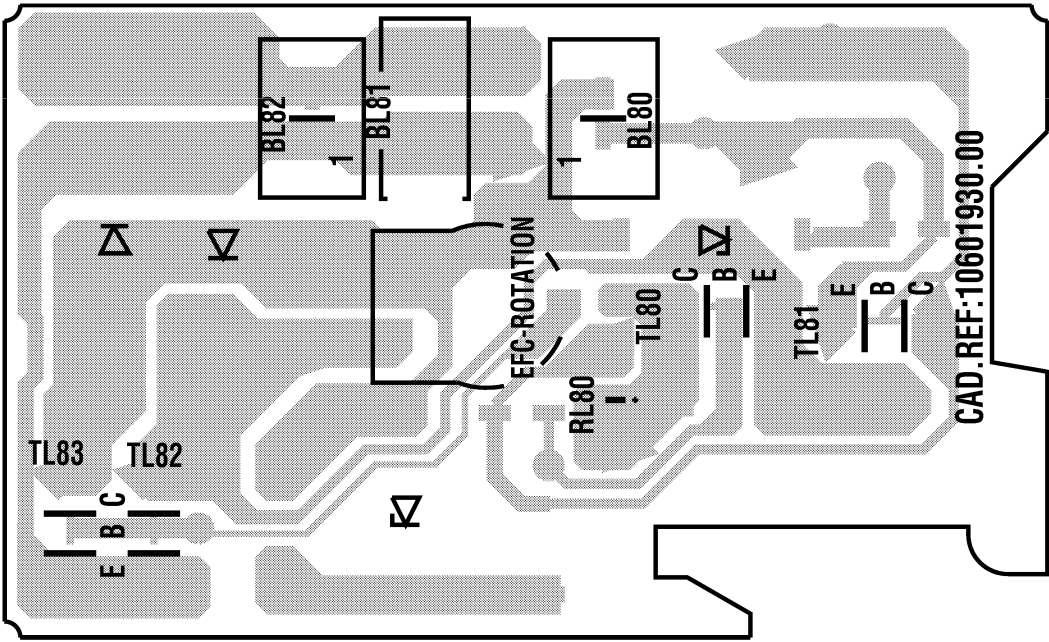


EFC 17000
EARTH-FIELD CORRECTION BOARD

COMPONENT SIDE - CÔTE COMPOSANTS - BESTÜCKUNGSSEITE - LATO COMPONENTI
LADO COMPONENTES

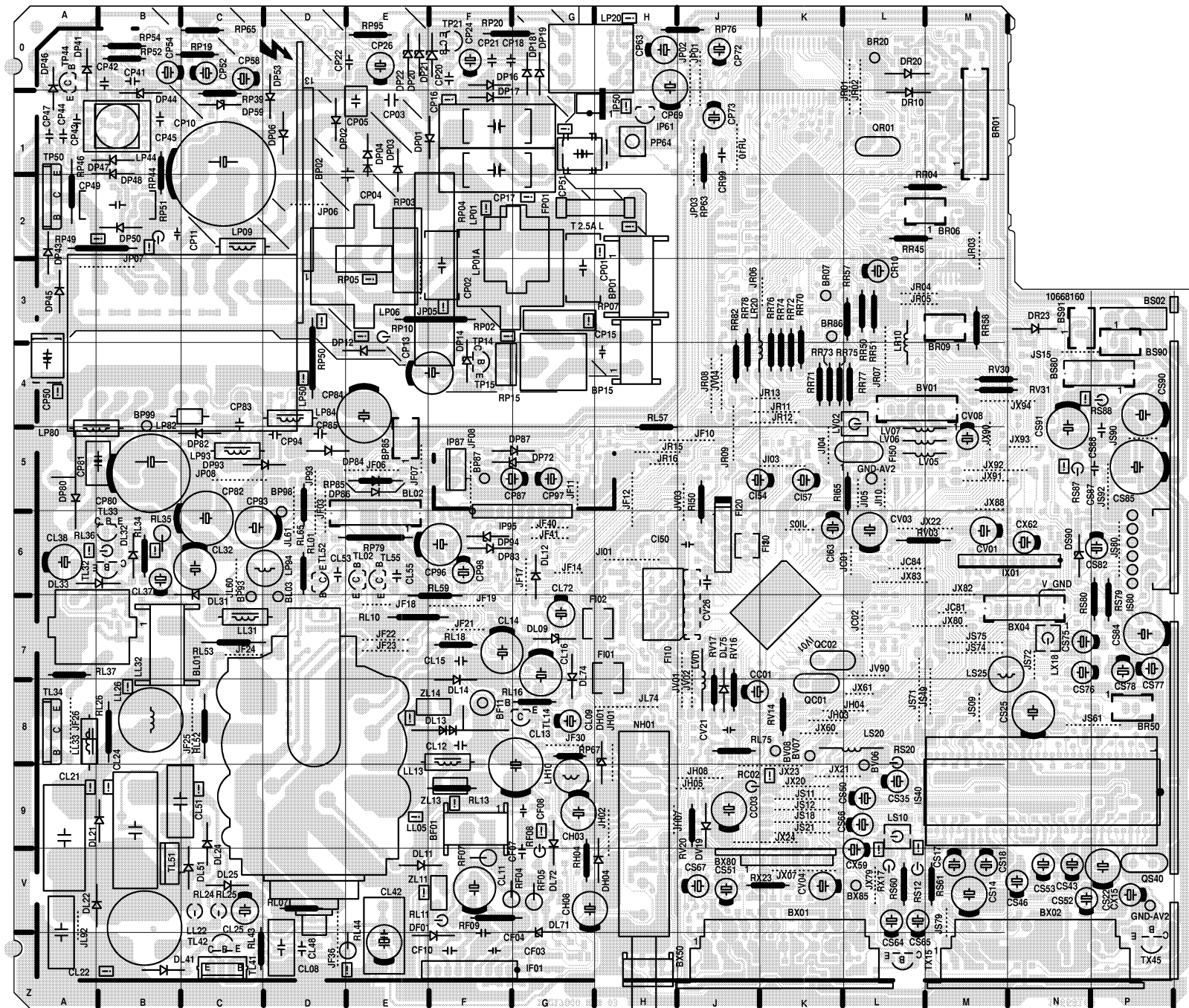


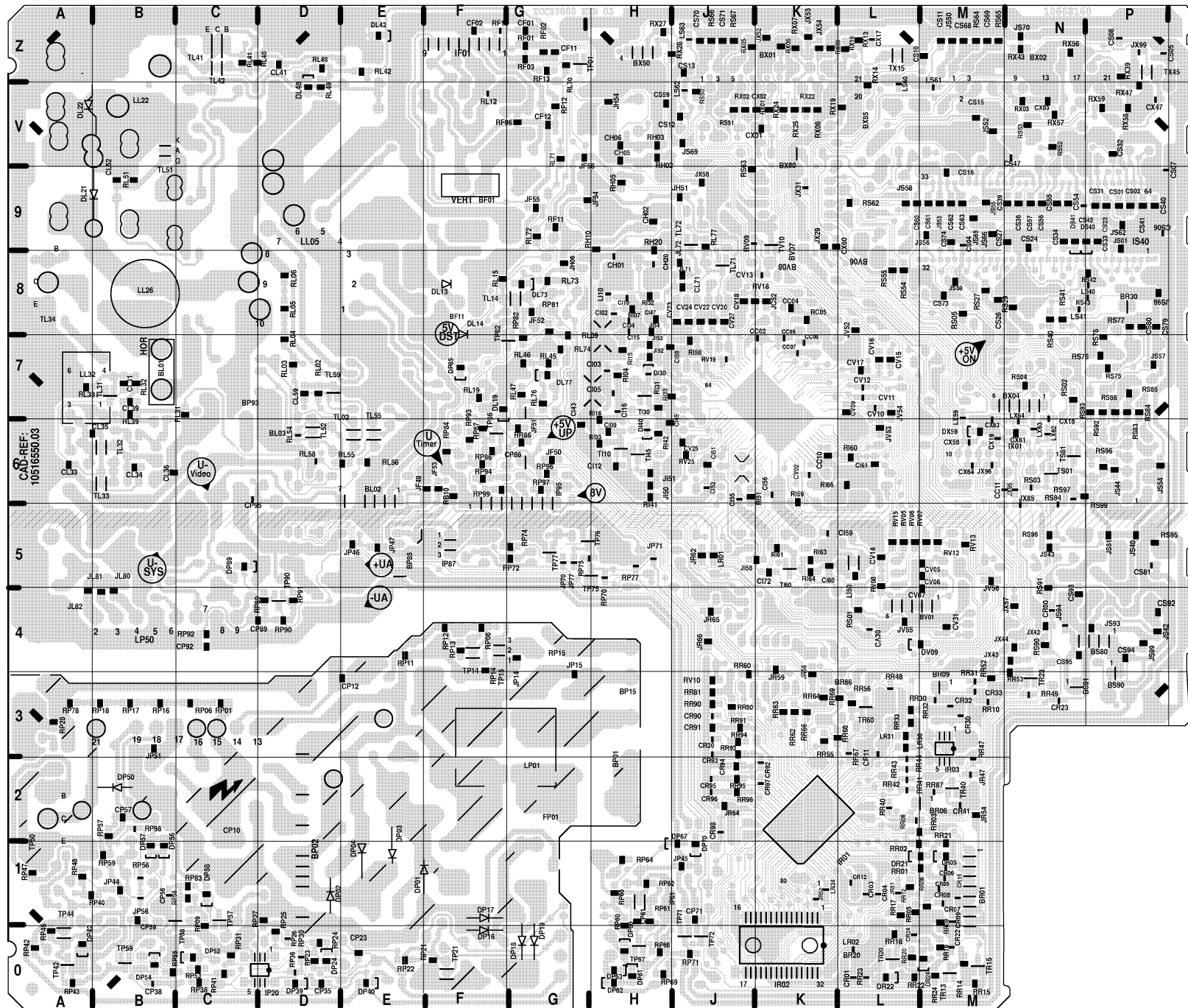
SOLDER SIDE - CÔTE SOUDURES - LÖTSEITE - LATO SALDATURE - LADO SOLDADURAS



MAIN BOARD - PLATINE PRINCIPALE - CHASSIS GRUNDPLATTE - PIASTRA PRINCIPALE - PLATINA PRINCIPAL

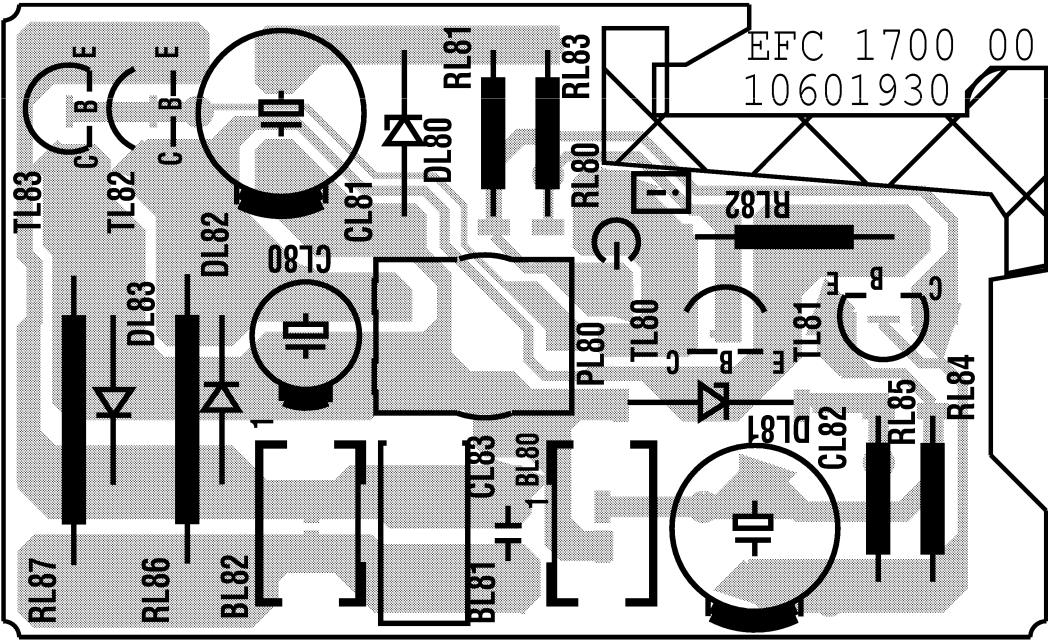
COMPONENT SIDE - COTE COMPOSANTS - BESTÜCKUNGSSEITE - LATO COMPONENTI - LADO COMPONENTES



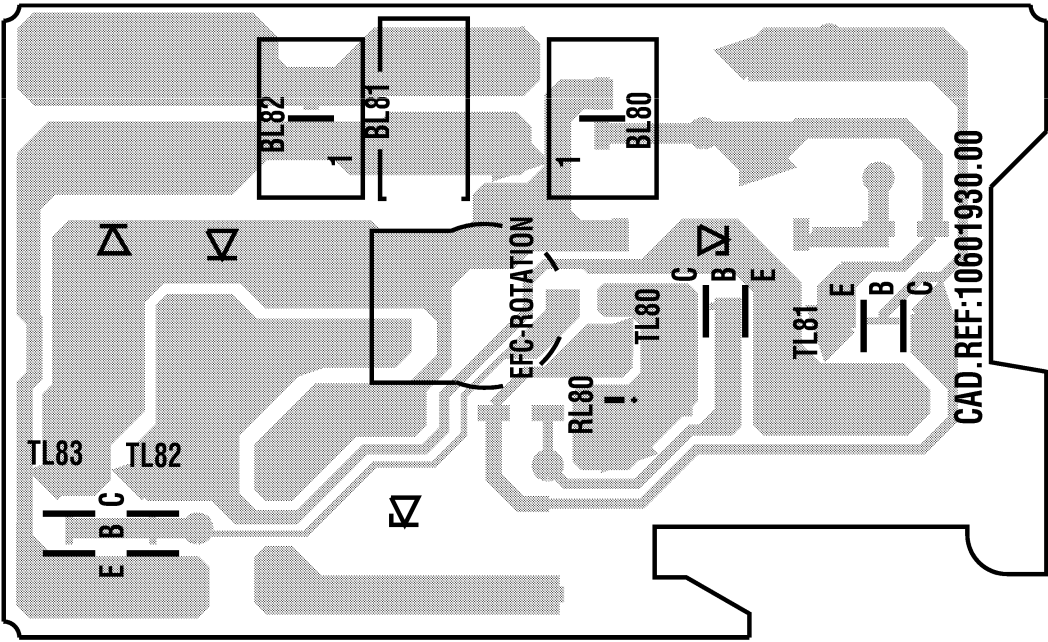


EFC 17000
EARTH-FIELD CORRECTION BOARD

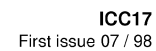
COMPONENT SIDE - CÔTE COMPOSANTS - BESTÜCKUNGSSEITE - LATO COMPONENTI
LADO COMPONENTES

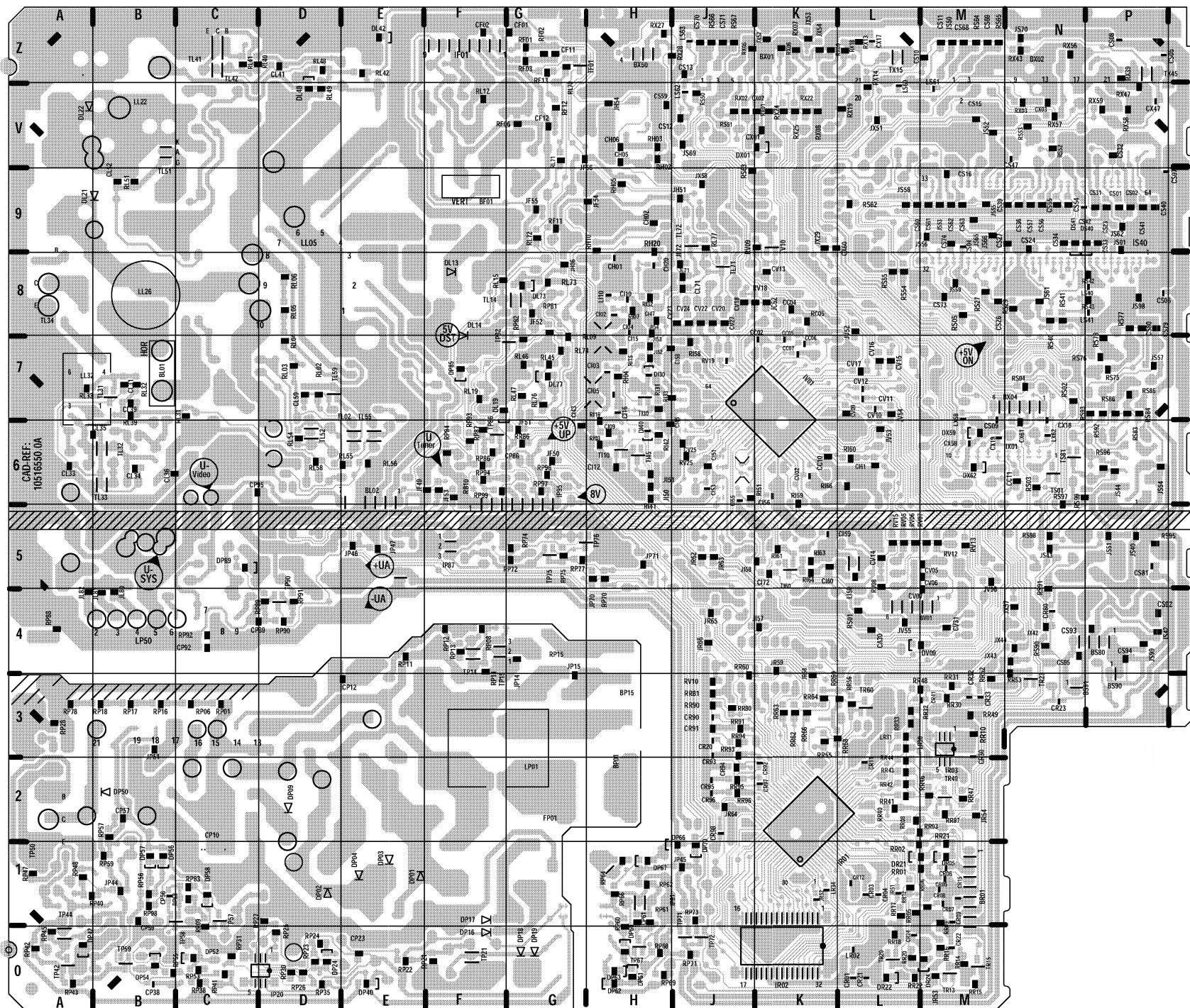


SOLDER SIDE - CÔTE SOUDURES - LÖTSEITE - LATO SALDATURE - LADO SOLDADURAS



COMPONENT SIDE - COTE COMPOSANTS - BESTÜCKUNGSSEITE - LATO COMPONENTI - LADO COMPONENTES





PARTS LIST

LISTE PIECES DETACHEES

ERSATZTEILLISTE

LISTA PARTI DI RICAMBIO

LISTA DE PIEZAS DE REPUESTO

THOMSON

Chassis ICC17

MODULES

MAIN	IC17F5RQ02603C	
AVL	SUBAVL17000	R 10614890
CRT	CRT17700 (PCB HYB 02)	R 10651940
FCB	FCB1701	R 25313060
KDB	KDB1706	R 25388640



GK01	TSOP1333	25358570
IB01	TDA6107Q/N2	10659660
IF01	TDA8351	20753830
IP20	TS3702CD FLAT	10537330
IP50	TLP621 GR(D4-LF2 T)	△ 20827900
IP61	TL431ACZ	10538830
IP87	MC7812/CT	46007600
IP95	TDA8139	10044580
IR01	ST92R195 CUT 2.2 FLAT	10588150
IR02	IC-ROM THOMSON V3.20-0	1059455E
IR03	M24C16MN6 FLAT	25348520
IS40	MSP3410D-PP-B3/B4	10510320
IS80	TDA7269	10348790
IV01	TDA8855H FLAT	10533960
IX01	BA7604N	10539590
ZL11	MP25	△ 10500150
ZL13	MP63	△ 10472270



TB01,TL52,TP21	BF423	16003110
TB02,TL02,55	BF422	16003090
TF01,TI60,TL31,TP58,59,67,71,76,90,TR60,TS01,81,TV10	BC846B SMD	16006260
TI10,30,45	DTC144EK SMD	16007030
TL14	2SC2236Y	16000220
TL32	BC337-40	45001466
TL33	MPS750	16001340
TL34,TP50	BUH516TH16	10401110
TL41	BD241C	16001880

TL42,TP14, TX15,45	BC546B	45001866
TL51	THYHIPWR	10576770
TL59,TP42,86, TR15	BC856B SMD	16006310
TL71	BC847C SMD	90618810
TL72	RN1401 SMD	10966100
TP15	BTB06-600C	10259910
TP44	2SA1020Y	16003740
TP57	RN2417 SMD	25423180
TP72,TR20	DTC113ZK SMD	10550750
TP75,82	BCR191 SMD	16006910
TP77	RN1409 SMD	20688820
TR13,23,40	BCR141 SMD	16006890
TX80,81,85,86, 88	BC847B SMD	11070770



DB04,DP16,17, 18,19	1N4004	44009009
DB05	1.5KE250A	25353360
DB30,31,50,51, 70,71,DJ20, DL31	BAV21	44044407
DE01	BZX55C2V7	80444120
DH01	BZX55B33	80442730
DH04,DL12,32, 33,72,74,75, DP53,DR20,23, DV19	1N4148	44009209
DI30,40	BA782S	20542050
DJ20,DL48, DX59	BAV103 SMD	10155030
DK01,DL09, DP72	BZX55B5V1/ZPD5V1 2%	44035702
DL11,24,25,41, DP12,41,46,47, 48	RGPI0G	10459090
DL13	FUF5402	10458530
DL14	RGPI5G	10272800
DL19,73,77, DP24,39,40,42, 52,54,56,57, 58,60,61,62, 63,67,70,85, 89,DR21,22,24, DV09	LL4148 SMD	16012450
DL21	BY228	16008370

DL22	BYW76	16009120
DL42	ZMM5,1 SMD	70446740
DL51	RGPI0M	10455320
DL71	BZX55C20	30948810
DP01,02,03,04	BYW27-1000	10455390
DP06	BZW04-342	25354340
DP14	BZX55C3V3	30948790
DP20	ZPD51/BZX55C51/BZX79C51	90578110
DP21	BZX85C39	80444000
DP22	BZX55C6V8	50890650
DP43,45,50,87	RGPI02-20	10472330
DP44	BZX55C3V9	80444130
DP59	BZX55C18	11073680
DP80	MUR460	16009650
DP82	FUF4005/MUR160	16009580
DP83	BAT42	16007410
DP84	MUR120	10564670
DP93	MUR420	16009630
DP94	BZX55C13	70438310
DR05	LL42 SMD	16012530
DS90	BZX55C3V6	50890640
DX86	BAS20 SMD	16012250
DX87	BZX84B8V2 SMD	25385640
GE01	TLUV5300 LED	11137650



FI10	OFWK6282K FOS	10648840
FI20	OFWK9650M FOS	10545440
FI50	5M74HZ	20338170
QC01	4M433619HZ	10087710
QC02	3M579545HZ	10542190
QR01	4M0HZ	10254300
QS40	18M432HZ	10334670




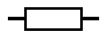

FI01	40M4HZ	20300950
FI02	31M9HZ	10552630
FI30	77M8HZ	10559760
LL22		10636390


R : RECYCLED PART
: PIECE RECYCLEE
: AUSTAUSCHTEILE
: RICAMBIO RICICLATO
: MODULO REPROCESADO

For any requests, please contact THOMSON multimedia after sales service area
 Pour toutes précisions, contactez votre service apres vente local THOMSON multimedia
 Für weitere Auskünfte, wenden Sie sich bitte an die THOMSON multimedia Kundendienste
 Per precisazioni, contattare l'assistenza tecnica THOMSON multimedia
 Para cualquier pregunta, por favor contactar con el responsable de zona del servicio postventa de THOMSON multimedia

01 / 2000
REV. N° 0 00 / 00
35105110
00000000
1/3

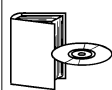
No copying, translation, modification on other use authorized. All rights reserved worldwide. • Tous droits de reproduction, de traduction, d'adaptation et d'exécution réservés pour tous les pays. • Sämtliche Urheberrechte an diesen Texten und Zeichnungen stehen uns zu. Nachdrucke, Vervielfältigungen - auch auszugsweise - nur mit unserer vorherigen Zustimmung zulässig. Alle Rechte vorbehalten. • I diritti di riproduzione, di traduzione, di adattamento e di esecuzione sono riservati per tutti i paesi. • Derechos de reproducción, de traducción, de adaptación y de ejecución reservados para todos los países.

		
PP64	1K0 OHM	70434550
		
RB01,04	1K5 OHM 5% 0,50W	10121880
RB06	220R0 OHM 5% 0,25W	△ 15009810
RB31,51,71	560R0 OHM 10% 0,50W	10257590
RC02	1R0 OHM 5% 0,40W	△ 13060910
RF05	1R21 OHM 1% 0,70W	13010820
RF07	220R0 OHM 1% 0,70W	10233720
RF08	68R0 OHM 5% 0,70W	15009050
RL01	45K3 OHM 1% 0,25W	15018160
RL07	6K19 OHM 1% 0,40W	15020490
RL13	0R27 OHM 5% 2,50W	10263600
RL35,RS87,88	4R7 OHM 5% 0,35W	△ 10226310
RL36,RP10	2R2 OHM 5% 0,25W	△ 15009870
RL43	68K1 OHM 1% 0,70W	10147740
RL44	1R0 OHM 5% 0,50W	△ 10576360
RP04	2R7 OHM 5% 4,50W	10379110
RP15	18R0 OHM 220V PTC	△ 41398800
RP39,52,54,95,RR45,RV03,14,30,31	100R0 OHM 5% 0,25W	30943330
RP49	0R47 OHM 5% 2,5W	△ 25339900
RP50	10M0 OHM 5% 0,70W	△ 10074320
RP63	432K0 OHM 1% 0,13W	10354720
RS12	18R0 OHM 5% 0,30W	△ 15009660
RV20	100K0 OHM 1% 0,25W	50883810
RX17	10R0 OHM 5% 0,25W	△ 15009580
		
CB01	10N0F 3K0V	14036450
CL08	10N0F 5% 400V	14035870
CL12,15,55,CP18,21,42,85,94	330P0F 20% 1K0V	14035270
CL21	15N0F 3.5% 1K6V	10643660
CL22	27N0F 5% 400V	10263540
CL24	440N0F 5% 250V	△ 10525280
CL51	290N0F 5% 250V	10378450
CP01	100N0F 20% 275V	△ 10331520
CP03,04	4N7F 1K0V	10058740
CP05	1N5F 10% 1K0V	20338740
CP10	150U0F 385V	43424800
CP11	10N0F 10% 400V	15001080
CP16,17	470N0F 20% 275V	△ 10596570
CP20	220P0F 10% 400V	14033000
CP49	3N3F 20% 1K6V	10607950
CP50	1N0F 20% 400V	△ 43106800
CP51	150P0F 20% 400V	△ 20738090
CP81	1N0F 10% 500V	10546570
CP83	100P0F 20% 1K0V	14035280

		
LL05	DSTTDS29	△ 10608670
LL26		△ 10526140
LL32	DRIVER	10518110
LP01		△ 10261530
LP20	DRIVER	△ 10554410
LP44	DRIVER	10561800
LP50	SMT41	△ 10537860
OTHER PARTS AUTRES PIECES SONSTIGE TEILE ALTRE PARTI OTRAS PIEZAS		
BB05	CATHODE RAY TUBE SOCKET SUPPORT TUBE CATHODIQUE BILDROEHRENFASSUNG SUPPORTO TUBO CATODICO SOPORTE T.R.C	△ 80298800
BJ10	CINCH SOCKET PRISE CINCH CINCH-BUCHSE PRESA CINCH TOMA CINCH	10037440
BJ11	SVHS SOCKET PRISE SVHS S-VHS-BUCHSE PRESA SVHS TOMA SVHS	20392900
BQ12	JACK SOCKET PRISE JACK BUCHSE PRESA JACK TOMA JACK	10539510
BX01,02	SCART SOCKET PRISE PERITEL EURO-AV-BUCHSE EUROPRESA NORMALIZZATA EUROCONNECTOR	90617260
CH200	ON/OFF SWITCH CONTACTEUR MARCHE/ARRET EIN-AUS SCHALTER CONTATTORE ACCESO/SPENTO CONTACTOR MARCHA/PARADA	△ 10276500
FP01	2A5T TIME-LAG FUSE 2A5T FUSIBLE TEMPORISE 2A5T THERMISCHE SICHERUNG 2A5T FUSIBILE TEMPORIZZATO 2A5T FUSIBLE TEMPORIZADO	△ 10246750
NH01	CTT5010 UHF/VHF TUNER CTT5010 TETE UHF/VHF CTT5010 UHF/VHF TUNER CTT5010 TUNER UHF/VHF CTT5010 SINTONIZADOR UHF/VHF	20812280
SK01,02,03,04	MICROSWITCH MICRO CONTACTEUR MIKROSCHALTER MICROINTERRUTTORE MICROCONTACTOR	30011100

EQUIPMENT/PRESENTATION EQUIPEMENT/PRESENTATION AUSSTATTUNG/GEHAEUSE PARTI VARIE EQUIPO/PRESENTACION	
FRONT PANEL FACADE FRONTPLATTE PANNELLO FRONTALE PANEL FRONTAL	25346170
REAR PANEL DOS RUECKWAND PANNELLO POSTERIORE TAPA POSTERIOR	△ 25433840
INFRARED WINDOW GLACE INFRAROUGE INFRAROT FENSTER VETRO INFRAROSSO CRISTAL INFRARROJO	25373830
LOGO THOMSON LOGO THOMSON SCHRIFTZUG THOMSON MARCHIO THOMSON LOGOTIPO THOMSON	25367520
CHASSIS SUPPORT SUPPORT CHASSIS CHASSIS HALTER SUPPORTO CHASSIS SOPORTE CHASSIS	25296750
COVER JACK SOCKET CACHE PRISE JACK ABDECKUNG BUCHSE COPERCHIO PRESA JACK CUBIERTA TOMA JACK	25298150
8R OHM 15W LOUDSPEAKER 60X125 8R OHM 15W HAUT PARLEUR 60X125 8R OHM 15W LAUTSPRECHER 60X125 8R OHM 15W ALTOPARLANTE 60X125 8R OHM 15W ALTAVOZ 60X125	10467060
ON/OFF BUTTON TOUCHE MARCHE/ARRET EIN-AUS TASTE TASTO ACCESO/SPENTO TECLA MARCHA/PARADA	25309090
BUTTON ASSY ENSEMBLE DE TOUCHES TASTENEINHEIT ASSIEME TASTI CONJUNTO DE TECLAS	25312630
POWER SUPPLY LEAD CORDON D'ALIMENTATION NETZKABEL CAVO DI ALIMENTAZIONE CABLE DE ALIMENTACION	△ 10260880
W66EJU023X015 CATHODE RAY TUBE W66EJU023X015 TUBE CATHODIQUE W66EJU023X015 FARBBILDROEHRE W66EJU023X015 TUBO CATODICO W66EJU023X015 T.R.C	△ 10647170
DEGAUSSING COIL BOBINE DE DEMAGNETISATION ENTMAGNETISIERUNGSSPULE BOBINA DI SMAGNETIZZAZIONE BOBINA DE DESMANTACION	△ 47320181
RCTMB100 REMOTE CONTROL RCTMB100 TELECOMMANDE RCTMB100 FERNBEDIENUNG RCTMB100 TELECOMANDO RCTMB100 TELEMANDO	20879230
FOLDING BOX EMBALLAGE CARTON KARTON IMBALLAGGIO CARTONE EMBALAJE CARTON	25443870

FITTING DOWNER 25348810
CALE INFERIEURE
POLSTER UNTEN
DISTANZIATORE INFERIORE
CALZO INFERIOR
FITTING UPPER 25348820
CALE SUPERIEURE
POLSTER OBEN
DISTANZIATORE SUPERIORE
CALZO SUPERIOR



28WN22E PARTS LIST 35105110
28WN22E LISTE DE PIECES DETACHEES
28WN22E ERSATZTEILLISTE
28WN22E LISTA PARTI DI RICAMBIO
28WN22E LISTA DE PIEZAS DE REPUESTO
ICC17 SERVICE MANUAL EUROPE 35063330
ICC17 DOC TECHNIQUE EUROPE
ICC17 TECHNISCHE DOKUMENTATION EUROPE
ICC17 DOCUMENTAZIONE TECNICA EUROPE
ICC17 DOCUMENTACION TECNICA EUROPE
28WN22E UM TH D/F/I/E/GB/NL/S/DK/PL/GR 25390150
28WN22E NU TH D/F/I/E/GB/NL/S/DK/PL/GR
28WN22E BA TH D/F/I/E/GB/NL/S/DK/PL/GR
28WN22E IU TH D/F/I/E/GB/NL/S/DK/PL/GR
28WN22E IU TH D/F/I/E/GB/NL/S/DK/PL/GR
ICC17 UPDATING N°01 35080950
ICC17 MISE A JOUR N°01
ICC17 ERGAENZUNG N°01
ICC17 AGGIORNAMENTO N°01
ICC17 ACTUALIZACION N°01
CDROM ICC17 35065140
CDROM ICC17
CDROM ICC17
CDROM ICC17
CDROM ICC17

LES PROGRAMMES

LA FORMATION PARATECHNIQUE

LES PRODUITS HIGH TECH

FORMATION VENDEURS

MICRO INFORMATIQUE

JOURNÉES FORMATION SERVICE

MAINTENANCE 1^{er} DEGRÉ D'INTERVENTION

LES STAGES TECHNIQUES

- Techniques vidéo
- Techniques Télévision

NOS COORDONNÉES

RÉSUMÉS DE COURS

CASSETTES D'AIDE À LA MAINTENANCE

BULLETIN D'INSCRIPTION

ACCÈS À NOS LOCAUX

HOTELS

QUITTER

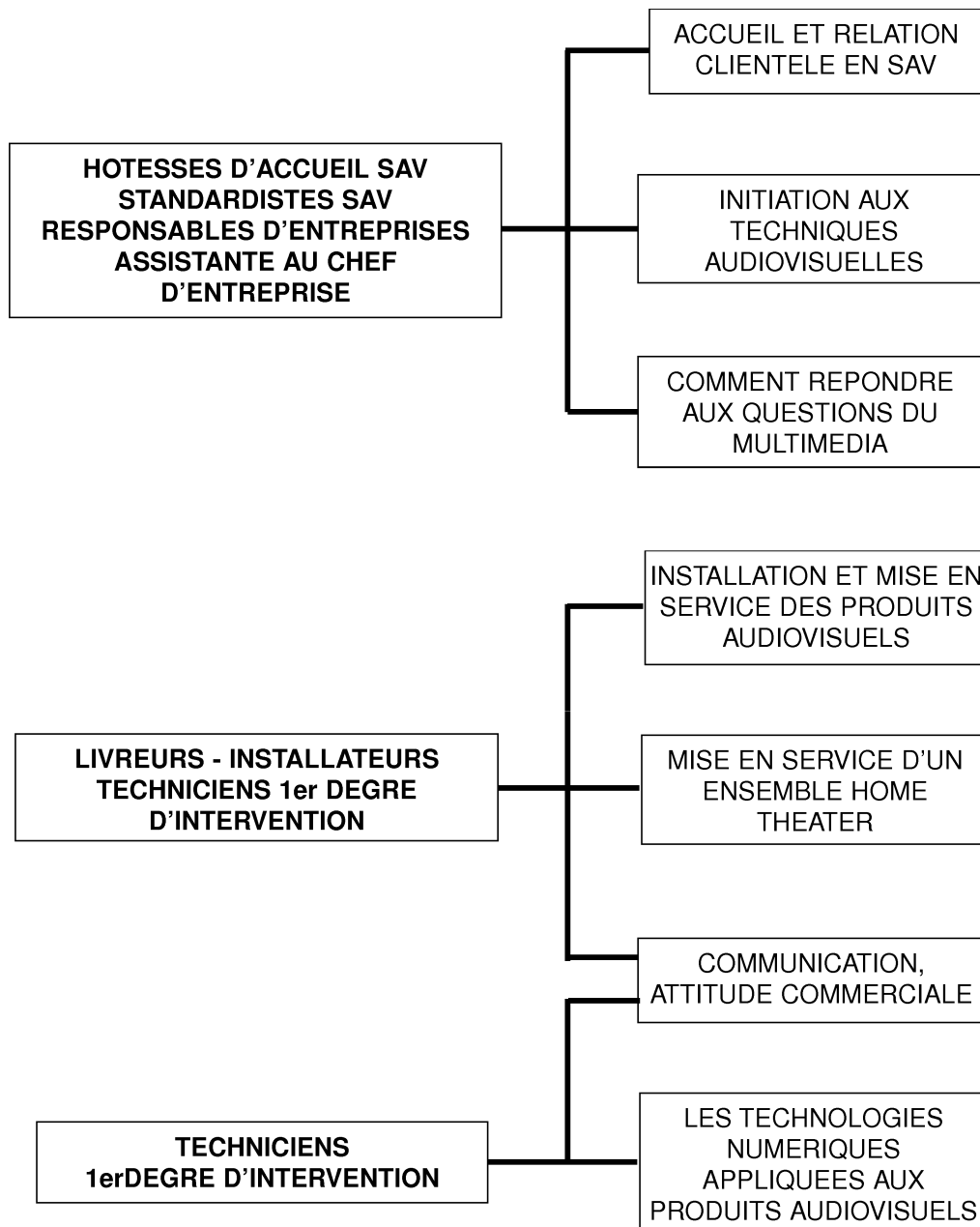
THOMSON MULTI MEDIA



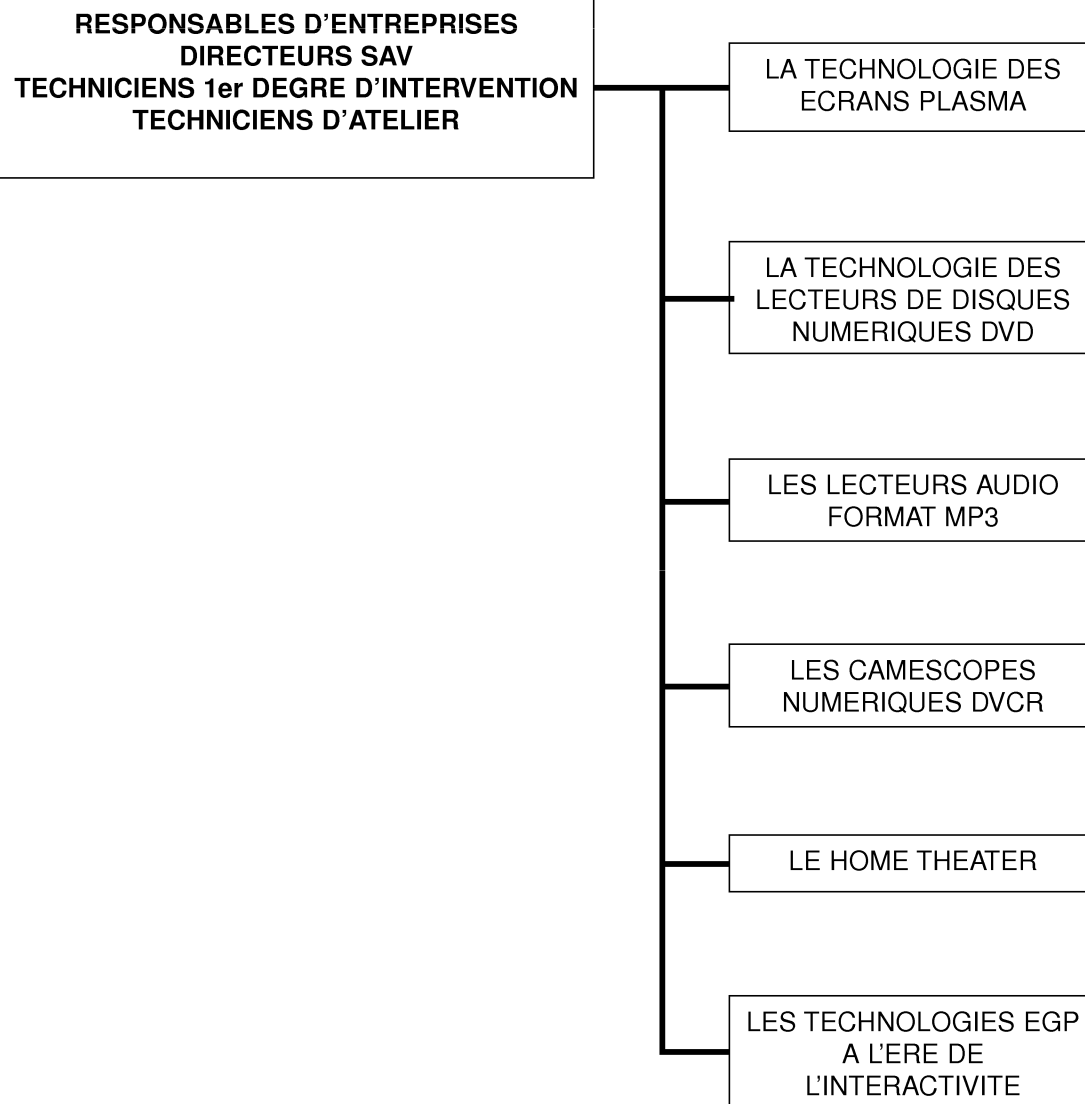
CENTRE DE FORMATION THOMSON multimedia

2000

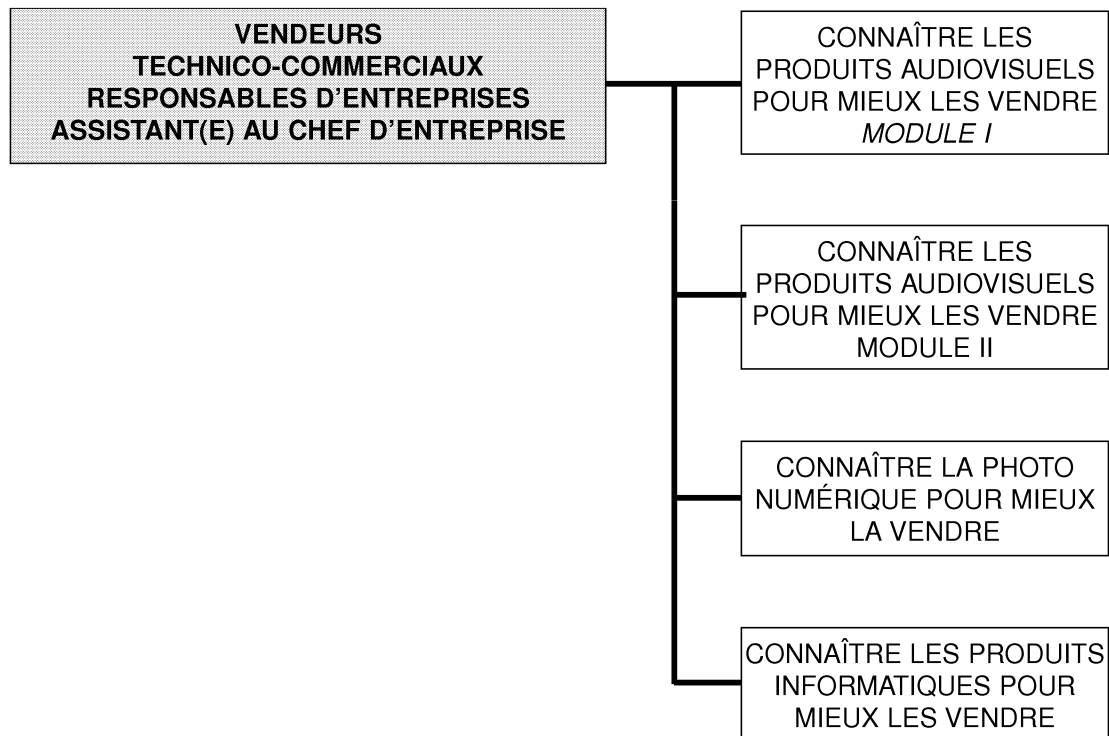
LA CHAÎNE du SERVICE



LES PRODUITS HIGH TECH



LES FORMATIONS VENDEURS



MICRO INFORMATIQUE

MAINTENANCE

CONFIGURATION ET
MAINTENANCE DES PC

INSTALLATION DE
PÉRIPHÉRIQUES MULTIMEDIA
ET RÉSEAUX

SYSTEME D'EXPLOITATION

WINDOWS 98 AVANCÉ -
LINUX

INTERNET

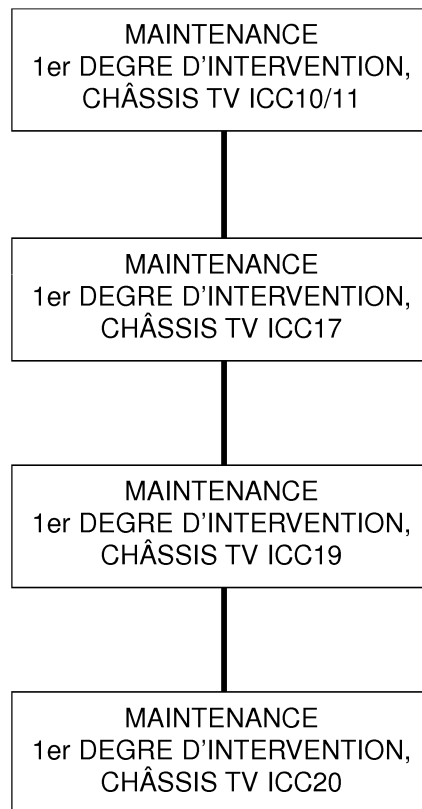
INITIATION A INTERNET -
CRÉATION DE
SITE WEB

LES JOURNÉES FORMATION SERVICE

ASSISTANCE A LA
MAINTENANCE, CHÂSSIS
VIDEO R4000 / R5000

ASSISTANCE A LA
MAINTENANCE, CHÂSSIS TV
ICC9

ASSISTANCE A LA
MAINTENANCE, CHÂSSIS TV
TX91-91G / TX92-92F

MAINTENANCE***1er degré* D'INTERVENTION**

LES TECHNIQUES VIDÉO

LECTEURS DVD

PRINCIPE ET MAINTENANCE
DES LECTEURS DVD
DTH 1000/2000/2500

PRINCIPE ET MAINTENANCE
DES LECTEURS DVD
DTH 3300/3600/3700

MAGNÉTOSCOPES

PRINCIPE ET MAINTENANCE
DES MAGNÉTOSCOPES VHS

ETUDE APPLIQUÉE DES
MAGNÉTOSCOPES,
CHÂSSIS R6000 ET R7000

ETUDE APPLIQUÉE DES
MAGNÉTOSCOPES,
CHÂSSIS R8000

ETUDE APPLIQUÉE DES
MAGNÉTOSCOPES,
CHÂSSIS R9000

EVOLUTION DES CHÂSSIS
R7000
DÉPANNAGE DIRIGÉ DES
CHÂSSIS R6000/R7000

CAMESCOPES

LES BASES
DES CAMESCOPES
FORMAT VHS-C ET VIDÉO 8

LA MAINTENANCE DES
CAMESCOPES VHS-C,
CHÂSSIS M10, M11 ET M12

LA MAINTENANCE DES
CAMESCOPES DV, CHÂSSIS
VMD2, VMD3 ET VMD8

LES TECHNIQUES TÉLÉVISION

